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CANADIAN GOVERNMENT PUBLICATIONS

A Manual for Librarians

by

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With an Introduction
by
Gerhard R. Lomer
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and
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7: <u>I</u>:36

Chicago American Library Association 1935



MANAGEMENT TO THE SECOND SECON

PUBLISHERS' NOTE

Miss Higgins has performed a unique service to her profession in the preparation of this manuscript, which we are glad to make available in planographed form. Publication has been made possible by a subsidy to cower part of production costs, furnished by McGill university.

The manuscript came to us exactly as it has been photographed; in order to make it possible to sell the book at a moderate price no re-typing was done at A.L.A. headquarters. This statement is made to explain any small imperfections, irregularities, or deviations from A.L.A. style.

The Publishers



To

McGill Library School students whose navigation of the uncharted seas of Canadian documents has been well-nigh heroic.

II.



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II.

INTRODUCTION

The experience of both librarians and the public in the search for reference material has abundantly proved that the more inaccessible or unorganized the material, the more necessary is a descriptive guide to its location and use.

Of all works constantly consulted by reference librarians and students, government publications are perhaps the most difficult to find and to handle efficiently. For this difficulty there are reasons which, if perhaps sufficient in particular instances, are not generally necessary. An examination of current practice makes one regretfully ware that there is no physical or typographical uniformity in the publications of a department and not always and continuity in the arrangement of its material. Furthermore, complete files are not always kept by the departments themselves or by libraries whose locality or clientels would make the collection of such material advisable if not absolutely necessary. Even when found, reports or publications are not always arranged in a similar or systematic manner;

and the name of a department is no clear indication of the ground covered in its report. Growing public interest in economic, social, and government questions is leading to a constantly increasing use of reports and publications by readers and has therefore influenced the libraries in collecting such material and library schools in training future librarians to understand them and use them intelligently and quickly. In the present volume, which really needs no introduction, Miss Higgins has done a piece of work that has long needed to be done, and she has produced a compilation that will not only save other librarians much time but will bring them information that they could not otherwise obtain; for where the information was inaccessible or scattered, she has gone after it, inspired by Mahomet and the mountain, or Miss Gregory and European libraries, and has extricated it from the high places of government offices and parliamentary archives, as well as from the scattered and imcomplete co lections in available libraries.

This volume, with its classified arrangement, supplemented by the Index, will, it is hoped, have three important effects: in the first place, it will make it comparatively easy for the cataloguer, even in the smaller libraries, to put government documents on the shelves in a rational and accessible arrangement, instead of either keeping them in some make-shift personally acceptable order or dodging the

1 st

problem altogether and consigning them to a store room; in the second place, it ought to encourage librarians to an effort to fill in gaps and complete their files of federal documents in an attempt to make these national records available to as large a public as possible; and, finally, it will provide reference librarians with a welcome key to the extraordinary variety of subjects hidden in Canadian documents, in much the same way that Anne Morris Boyd's volume has proved to many an Open Sesame to United States Covernment Documents.

The publication of this volume should stimulate the librarian and research worker to further effort, for it is to be hoped that, on some day not too long deferred, the invaluable material here presented will be suppliemented by similar lists of Provincial and Municipal Documents, and that the present chaos and neglect will be succeeded by orderly arrangement and systematic use in all parts of the Dominion of Canada.

G. R. Lomer.

PREFACE

Frequent requests for information in regard to Canadian government documents, by librarians and research workers in various fields, have led to the preparation of this manual, in the hope that by collecting in one place brief outline histories of the various governmental bodies, with a list of their publications, the vast store of information published by the Canadian Government may be more easily located.

The magnitude of the subject makes it impossible, at the present time, to include more than federal government documents. despite the fact that provincial documents are of no less interest or value. Only enough of the history of each governmental body is included, to show its principal functions and the growth of one department from another, in order to give a background for the understanding of its publications. In the case of parliamentary documents, a subject and form analysis are given, since their scope is so very general, and seldom indicated by the title. also since such forms as proclamations, resolutions, etc. are often difficult to locate. The general index is arranged under small subjects, in order to facilitate the finding of scattered material. This is not a complete checklist, since material that is purely advertising and that related only to office routine have been excluded. Furthermore, the governmental departments themselves often do not have a complete file of their publications. nor do they have a record of them, so that a complete checklist is a practical impossibility. Librarians using this list

^{1.} The term federal is somewhat loosely used to indicate all documents of the central government, though in reality, there was no federal government when some of the earlier documents were issued.

may find publications in their riles that are not included, and it is hoped that they will call attention to such omissions, so that a future edition may be more complete. however, this should serve as a checklist for all practical purposes in the average library.

The sources of the material included are the document collection in McGill University Library, those in the Library of Parliament and in the various departmental libraries in Ottawa and the catalogues and lists of publications issued by governmental departments. ...uch information has been acquired by perusal of annual reports and by correspondence and personal interviews with officials of the Government. In almost every case the report on each governmental body has been revised by someone within the department concerned, but in a few cases such revision was not possible, and this fact is indicated in the report.

In general the bibliographical practices of library cataloguing have been followed, but exceptions have been made in deference to current Canadian usage, chief of which is the capitalization of all words in the name of an institution, society or governmental body. Only main paging is given, since it was felt to be sufficient in this case. French editions have not been entered as separate publications, but have been noted with the English edition, as this was felt to be less confusing. The grouping of reports in chapters has followed the logic of the subject or the growth of one department from another, whenever possible.

To the experienced user of documents some of the material included may seem rather obvious, but the manual is planned to assist the novice as well as the specialist.

Acknowledgment is gratefully made to the government officials and librarians, who have so kindly and efficiently aided in securing accurate and timely information. Special mention is due to Miss A.L. Shaw, librarian of the Department of Agriculture, to Miss M.M. Lafleur of the Department of Marine and to Mr. R.H. Coats and Miss Grace S. Lewis of the Dominion Bureau of Statistics, who have given unstintingly of their time and of their exhaustive knowledge of their departments in order to make the reports as complete and accurate as possible. Acknowledgment is also due to the assistants in McGill University Library School, Mrs. Grace R. Newman, Miss Marjorie Parker and Miss Bessie Brannan, whose careful and intelligent checking of lists and typing of manuscript has been of the greatest assistance. The cooperation of Dr. G.R. Lomer, Director of McGill Library School, is much appreciated, for without it this work would have been impossible.

Marion Villiers Higgins

Definitions

- Accounts and papers- A miscellaneous group of papers presented to Parliament that are not included under reports, returns, addresses, etc. (The term was more frequently used in early parliamentary publications)
- Address A formal communication to an official person or body.
- Bill A form or draft of a law presented to a legislative body for enactment.
- Blue-book A report to Parliament, so-called on account of its blue paper cover.
- Commission A company of persons enjoined to perform some duty.

Committees

- <u>Committee of the Whole-</u> One consisting of the entire house, but presided overy by a chairman rather than by the Speaker.
- Joint committee- One composed of members from both houses of Parliament sitting and acting together.
- Select special committee- One appointed to consider a certain subject, and which is dissolved when its work is completed.
- Select standing committee- One appointed to deal with all subjects of a particular class during a session of Parliament.
- Despatch An important official letter sent from one official to another.
- Governor in Council The Governor-General acting with the advice of the Cabinet.
- Hansard The debates of Parliament.
- Message An official communication not made in person.
- Order-in-council An enactment by the Governor in Council, that on certain subjects and under certain circumstances has the force of law.
- Petition A formal written request addressed to an official person or body.
- Portfolio Office or function of a minister of state or member of a cabinet.

Proclamation - A public notice by an administrative or executive officer.

Rating - Relative standing or grade of a sailor in the ship's company.

Resolution - A formal expression of the opinion or will of an official body.

Return - An official account rendered to a superior.

Writ - An order in writing issued in the name of the State.

Abbreviations

ca. - About

comp. - Compiler

1 - Leaves

n.d. - No date

n.p. - No place, no publisher

n.s. - New series

no. - Number or numbers

p. - rage or pages

v. - Volume or volumes

v.p. - Various paging, various places, various publishers



CHAPTER I

USE, DISTRIBUTION, AND CARE OF CANADIAN FEDERAL GOVERNMENT DOCUMENTS

Value of Government Documents

According to several reputable dictionaries, a document is an official or original paper relied upon as a basis, proof or support, which definition admirably fits government documents and the part they play in furnishing reference material for libraries. They are the original papers printed by order of the Government as the official record of its activities. Following them year by year from the beginning, we have a fairly complete record of the progress of a nation: the growth of its political and economic institutions, the development of its natural resources. transportation and communication, its educational policy and its international relations. Surely such records are worthy of investigation in spite of the oft-repeated phrase, "As dull as a government blue-book". For on closer acquaintance they are often found not so dull after all and full of information not to be found elsewhere. Further than this, the information is source material and not second-hand conclusions. Particularly since the World War, the Government has carried on scientific and technological investigations, many of which have not been duplicated in the commercial world, so that more and more students are seeking basic material in these fields as well as in the fields of politics, history and economics. So it behooves the coming generation of librarians to acquaint themselves with the activities of the government. and with efficient methods of finding information in its publications. A further consideration to libraries is the very small cost of government documents. The Government is not a profit-taking publisher, and supplies its publications at the cost of printing to any and all purchasers. Then according to law, which will leter be discussed more specifically, certain persons and institutions, including libraries, are entitled to receive these publications free of charge, which is a phase that no library can not afford to overloo

The objective of this study is, then, familiarity with the subject matter and the forms of government documents as they appear in the publications of Parliament and of the various governmental departments, since questions concerning government documents usually come in the form of requests for material on a given subject or for such customary forms as: proclamations, Speech from the Throne, addresses, returns, reports of committees, etc.

Distribution of Government Documents

According to law the Superintendent of Stationery has charge of the distribution and sale of government documents, and has proved a very good friend to libraries by attending directly to their needs, and also by acting as an intermediary between libraries and the departments issuing publications. A popular current fallacy is that all documents are free to anyone requesting them, but such is not the case. Generally speaking they may be secured by burchase at the cost of printing. There is, however, a certain amount of free distributio regulated by law, which may best be explained by quoting the report of the minister in charge, which report was accepted by a committee of

^{1.} For definitions of terms used for forms see, p. vii.

the Canadian Privy Council, and approved by His Excellency the Governor-General on August 4. 1927.

"The Minister recommends as follows:-

(1) A- That the King's Printer be instructed to send without charge to the Library of Parliament of Canada six copies of each official publication of the Dominion of Canada (not being of a confidential character) and one copy of each such publication to the following, viz: (a) The Under-Secretary of State for External Affairs; (b) The High Commissioner for Canada in London; (c) The Canadian Minister at Washington, D.C.; (d) The Dominion Archivist; (e) The Library of each provincial legislature; (f) The Library of each University; (g) Public Libraries of Canada, Grade I List:2 (h) The Congressional Library, Washington, D.C.; (i) The Minister of the United States at Ottawa; (j) Any Canadian Legation; (k) Any High Commissioner or foreign Minister established in Canada: (1) The Librarian of the League of Nations, Geneva, Switzerland: (m) The Canadian Advisory Officer, League of Nations, Geneva, Switzerland: (n) The Public Library of New York City. Where, having regard to the foregoing institutions and persons, the Minister becomes aware that one copy of a particular document is not adequate to the reasonable requirements of the institution or person concerned, additional copies may be furnished so far as the stock of copies printed under this regulation may permit.

^{1.} P.C. 1471, 1927. Certified copy of a minute of a meeting of a Committee of the Privy Council, Aug. 4, 1927 as amended July 26, 1930.

^{2.} Grade I are all public libraries of cities and such village and town libraries as may be deemed worthy of this consideration by the Dept. of Printing and Stationery.

B- One copy of any publication (not of a confidential character may be sent on application and without charge to institutions and persons as follows: (a) Public Libraries of Canada, Grade II List: (b) Consuls-General in Canada; (c) Members of Provincial Governments in Canada; (d) Members of the Government of a division of the British Empire; (e) A library of any legislature in any portion of the British Empire; (f) Any library outside of Canada which is known to have exchange relations with the Library of the Parliament of Canada; (g) Any institution or person not included in any of the foregoing classes and regarded by the Minister as meriting such consideration, the number of names in this group not to exceed ten with respect to any publication. It is believed that demands from the various groups in this section will cover a wide range without bearing heavily on any particular publication or class of publicatio and will not materially increase the number of documents printed for free distribution; should the applications received from such classe be in excess of the supply of copies printed for free distribution under this regulation, the King's Printer shall refer such applications for the consideration of departments respectively concerned.

(2) That the King's Printer be authorized to print of each publication (not of a confidential character) a number of copies which shall be set aside to meet demands as above indicated, the precise number to be determined by the Minister on estimates furnish by the King's Printer as to probable requirements from time to time

^{1.} Grade II public libraries are those not located in cities, but considered of sufficient importance to receive one copy of all documents for free distribution.

with respect to different publications, but the total number of copies of any publication printed under this regulation shall not exceed one hundred and fifty (150) in English or one hundred (100) in French, and the King's Printer shall advise and confer with other departments with a view to the prevention of duplication in the distribution of the documents concerned.

- (3) That the expenditure involved in carrying out this regulation shall be charged against the sum voted annually for the printing and binding of Government publications, being Vote No.273 for the fiscal year now current. The approximate annual cost is estimated at \$4,000, but this amount would not represent for the most part new expenditure but rather a readjustment of disbursements at present spread among the different departments.
 - (4) That P.C. 1182. June 30, 1923, be cancelled.
- (5) That this regulation shall not apply to the distribution of the Statutes of Canadal
- (6) That the King's Printer be required to prepare each fiscal year for the Minister's consideration a statement showing the number of copies of each publication printed under this regulation and the names of the institutions or persons receiving the same, and the statement shall be on record in the Department.

The Committee concur in the foregoing recommendation and submit the same for approval.

(Sgd.) E.J. Lemaire,

Clerk of the Privy Council.

^{1.} On account of the cost of printing and binding the Statutes, they are not distributed as freely as are other documents, but all libraries mentioned in the first group on p. 3 receive them, and such other libraries as are considered of sufficient importance.

The Minister, after a careful consideration of the situation, is satisfied that the question of the extent of free distribution which should obtain in the case of an official publication may be left in general to the discretion of the pepartment issuing the same, but that it is desirable that in the case of certaselected lists of official and public institutions and persons in Canada and abroad, already as a rule receiving from various sources and without payment many of the official publications of Canada, procedure with respect to the distribution of such documents should be on a systematic and centralized basis."

The free distribution mentioned above, that is left to the discretion of the Linister in charge, is usually gauged by the cost of publication and the supply on hand after persons and institutions designated by law have been supplied.

Purchase

A catalogue, with prices, of the official publications of the Government of Canada that are available for distribution, is issued annually with supplements monthly, or as required. From this it is a simple matter to make up an order. A few of the publications noted in this catalogue are marked free. Such publication should be ordered directly from the department issuing them. No charge is made for postage in Canada or in the United States, but cost of postage is added to the price in sending to any other countries. Prepayment is required by means of postal money order, express order. or by cheque, if the purchaser is known.

^{1.} Canada. Department of Printing and Stationery. Division of Documents. Catalogue of the official publications of the Parliament and Gövernment of Canada. Ottawa, King's Printer, 1927- [v.l-]

Care of Government Documents

Seldom does a library conference foregather that the subject of government documents is not discussed in some of its phases. so we may glean a few general principles as to the care of documents from the experience of librarians already in the field. Concensus of opinion seems to dictate that, in the main government documents should be treated just as are the books issued by any other publisher. That is, they should be classified with o' a. works on the same subjects, and thus shelved with works on the same subject, and should be catalogued just as other books in the library are catalogued. In some cases there will be more notes on the catalogue cards than are ordinarily made, in order to take care of irregularities of publication or of special features, but this should offer no difficulties, since notes of one sort or other are often included in cataloguing other books. Also, government periodicals and continuations should be checked as are the other serial publications that enter the library, in order that there may be no gaps in the files, for government publications sometimes go astray in the mails just as do other periodicals and serials. Since this sensible policy has prevailed much of the terror of public documents has vanished, but just as we must constantly use other reference books in order to know all of their resources and the most efficient methods for finding information, so must we constantly handle government publications, and note changes of form or policy.

It must be admitted, however, that governments are somewhat erratic publishers, and that form and policy change frequently, also

that changes are often made in the organization of departments, so that bureaus and divisions flit from one department to another, thus puzzling the librarian as to the name of the issuing body under which certain material may appear in catalogues or indexes. But a careful perusal of press items and government reports will give this information, and reference may be made in catalogues, indexes and bibliographies from the old form to the new and vice words, if the librarian in charge keeps absolutely in touch with all that concerns government publications. In addition the annual catalogue of documents issued by the King's Printer with all its supplements should be carefully checked for the new series and new special publication which are constantly appearing, and are often of the utmost importance because they cover new material impossible to find elsewhere.

Preliminary Publications

In addition to the annual reports which are presented to Parliment, and issued in a bound series called Annual departmental reports, the same report is previously published bound in blue paper, hence the term "blue-book," which is the traditional name used by the English Covernment for such publications. This is published much earlier than the bound series, which makes it very welcome to libraries. It is often preserved even after the arrival of the bound copy, as an additional copy for circulation while the bound series is kept in the library for reference. Also the heads of the

^{1.} Canada. Department of Printing and Stationery. Division of Documents. Catalogue of official publications of the Parliament and Government of Canada. Ottawa, King's Printer, 1927- [v.1-]

^{2.} For further information on this series see, p. 51.

various bureaus or divisions within a department report annually to the Minister in charge. These reports are issued prior to the report of the Minister to Parliament, and are much more detailed than the report of the bureau or division that the Minister includes in his report, thus providing much valuable information not given elsewhere. Libraries usually bind these reports and carefully preserve them, both for their timeliness and for their additional subject matter. The term "blue book" is also applied to special reports issued from time to time and similiarly bound.

latalogues and Indexes

Many governmental departments publish, from time to time, catalogues, indexes and lists of publications. These are of the utmost value to libraries for calling attention to publications that may have escaped notice and for bibliographical items that may not be given on the title pages of the publications themselves, such as the date of publication, or the date of the beginning of a series, the editor, etc. Also they sometimes give subject entries that aid the busy cataloguer who has not found time to fully catalogue government serials. Such lists have an added value in that they are often compiled by one who has an expert knowledge of the subject and of the work of the department publishing the catalogue or index.

Jummary

To recapitulate, though in general government documents are treated just as are the work of any other publisher, yet the librarian must watch carefully for changes of a publishing body from one department to another, or for changes in the name or status of governmental bodies, and make note of such changes in all library records

in order to avoid difficulties in finding materials. The library must also be awake to the value of preliminary reports and to the differences between these and final reports. Catalogues, indexes and lists of publications must be carefully noted and preserved.

Catalogues and Indexes

No complete catalogues of Canadian federal documents have been published. The three most comprehensive lists are as follows:

Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906- [v.1-]

Before 1913 lists of government documents were not included.

Canada. Department of Public Printing and Stationery.
Catalogue of official publications of the Parliament and Government of Canada. Ottawa, King's Printer, 1927- [v.1-]

Canada. Department of Public Printing and Stationery.

Report, 1890- Ottawa, Queen's or King's Printer, 1880-

CHAPTER IT

Government Organization

Since the nature of any government document is determined by the function of the governmental body issuing it, it is necessary to understand, at least in a general way, the organization of a government in order to use its documents intelligently. That is, we must know what subjects are likely to appear in parliamentary publications, and what department, bureau or commission is likely to issue information on a given subject. For this reason a brief view of the organization of the government of Canada is given as an introduction to the study of Canadian government documents.

The organization of the government of Canada, and hence government documents, follows closely certain well defined historical periods which are given in outline below.1

- I. The French régime, 1608-1760
- II. The British régime, 1760-

 - Military government, 1760-1763
 Canada as a British province with the beginning of representative government, 1763-1791
 Upper and Lower Canada, 1791-1840
 Canada as a united province, 1840-1866
 Canada after Confederation, 1867-

French Régime, 1608-1760

During the French régime the country was at first under the control of the great fur-trading companies, but by 1663 a government as a province of France nad been evolved. This government consisted of a Governor who had charge of the militia and troops; an Intendant, with almost equal power, who controlled the finances, legislation and the administration of justice and a Council that exercised some

^{1.} Bourinot, John George. Clark Co., 1895. 344p. How Canada is governed, p.12, Toronto, Copp -11-

legislative and judicial power as well as acting in an advisory capacity to the Governor and Intendant. The government documents of this period consist of correspondence between the King and the officials of the Province, a few documents that record the decisions and orders of the Council and the laws or ordinances of the Province. These letters and documents, or copies of them, are now housed in the Public Archives of Canada, with the exception of the laws which will be considered in the section devoted to Statutes.

British Régime, 1760-63.

Delay over the final peace after the fall of Quebec made a military government inevitable during this period, and Brigadier-General James Murray was appointed military Governor of Quebec.

After the fall of Montreal, General Gage was appointed Governor of the Montreal district and Colonel Ralph Burton Governor of the Three Rivers district. The chief function of each of these governors seems to have been the establishment of courts which were somewhat differently administered in each district, but all administered by either French or British military officers. The more important cases were, in each district, referred to the British courts, and all were subject to the final decision of the Governor. Thus a régime of mixed martial law and French civil law was in force at this time.

The documents of this period consist of official correspondence and military records which are now in the Public Archives.

British Régime, 1763-91

In 1763 a government as a British province was organized for Canada, with a Governor and a nominated Council. The proclamation of George III, under which this government came into being, granted authority for an elective assembly, but the election of such an Assembly was postponed as inexpedient at this time.

At the earnest solicitation of the Governor, the Province was given its first constitution in the Quebec act of 1774. The only organic changes brought about thus were an increase in the number of the Council and a differentiation in its legislative and executive functions. After 17/6 the act was interpreted so as to permit five members of the Council, presided over by the Governor or Lieutenant-Governor, to act in an executive capacity, while an attendance of one half of the members was necessary for legislative action. though the attendance of the Governor and Lieutenant-Governor was not necessary. The Council in its legislative capacity might. with the consent of the Governor, enact any legislation except that in regard to taxation and duties not of a local nature. The consent of the Council was necessary in the constitution of courts and for the building of markets and fortifications. The greatest changes were effected by the modification of the oath of office so that Roman Catholics might become members of the Council, and by the increased recognition of the Roman Catholic church and the French civil law.

Justice

English criminal law has prevailed in all provinces since 1763, but the civil law of France, with certain modifications to suit the times, prevailed, and still does in the Province of Quebec.

In 1764, following an investigation into the administration of justice in Canada, instituted by General Murray, the Province was divided into the judicial districts of suebec and Montreal, but with the coming of the Loyalists and the natural growth of the country it soon became necessary to increase the number of districts to five.

There were two main courts at this time, the Superior Court, or Court of King's Bench and the Court of Inferior Judicature. The former consisted of the Chief Justice of the Province with authority to hear and determine all civil and criminal cases. The Court of Inferior Judicature also heard both civil and criminal cases. This practice was found to bring about conflicts between courts, so in 1777 a distinct division was made between civil and criminal cases, and the Superior Court dealt with criminal cases only. Originally this court sat only twice during the year, but the number of sittings was increased from time to time with the growth of the Province.

After 1777, in the absence of the Chief Justice, a commission appointed for the purpose might execute justice. At least once a year, or more frequently if necessary, the Chief Justice helâ Courts of Assize and Gaol Delivery in Montreal and Three Rivers.

In 1764, a Court of Quarter Session was also inaugurated with both criminal and civil jurisdiction and with a Justice of the Peace for each district, but this, too, in 1777 was limited to criminal cases. This court heard and determined all minor criminal cases.

The Court of Common Pleas tried all civil cases, and there was originally but one such court for the Province, but after 1777 separate courts, with three judges each, were constituted for the district

of Quebec and Montreal. A single judge might determine finally all cases involving not more than £10, but cases in excess of £10 must be determined by two judges, and their decisions were subject to appeal. Later, cases in excess of £10 were heard by a Court of Appeals. In these courts trial by jury might be demanded by either party according to the ordinance of 1764, but this clause was omitted in the new ordinance of 1777 and reinstated in 1765 in mercantile cases or in the adjustment of personal wrongs.

The supreme court of civil jurisdiction was the Court of Appeals, composed at first of the Governor and Council of the Province, and after 1777 of the Governor, Lt.-Governor and any five councillors, with the exception of judges who had sat in the lower courts. This court had jurisdiction over cases involving more than £300, according to the first ordinances, and after 1777 over cases exceeding £10 and those involving future rights. All judges and justices of these Courts were appointed by the Government.

Since there was no legislative body directly representative of the people during this period, the government documents are again chiefly official correspondence, decisions and orders of the Council and military records, though there are some few records concerning commerce and industry. These papers are also in the Public Archives.

Government documents 1608-1791

From the foregoing paragraphs it will be seen that the government documents of Canada from 1608-1791 are housed mostly in the Public Archives. These publications will be considered in greater detail in the section devoted to that department.

Upper and Lower Canada 1791-1840

During the period 1791-1840 there was considerable progress toward responsible government in Canada, and many reforms in the judicial system, but since at this period, the Province was divided into Upper and Lower Canada, its history belongs to that of Ontario and Quebec rather than to Canada as a whole, and so will not be considered here since this study does not include the provincial governments.

Canada as a United Province 1840-1866

The period from 1840 to 1866, when Upper and Lower Canada were united under the Act of union, is of importance because the public mind of Canada is at this time more adequately expressed by its government than heretofore, and hence by its documents. The wellknown recommendations of Lord Durham removed many of the causes of friction between conflicting elements, and brought about the beginnings of the responsibility of the executive members of the government to the elected Assembly. From these beginnings under the successive guidance of Lord Sydenham, Sir Charles Bagot and Lord Elgin, in the office of Governor-General, Canada finally achieved responsible government, despite its repudiation by Sir Charles T. Metcalfe from 1843-45. The government then established consisted of a Governor appointed by the Crown, a Legislative Council appointed for life by the Governor, in equal numbers from each province, and of a Legislative Assembly, elected in equal numbers from each province, each member being required to own property to the value of £500.

An Executive Council acted in an advisory capacity to the Governor. This Council was chosen by the Governor from among the members of both the Legislative Council and the Legislative Assembly, and the first Governor for this period established the precedent that the majority should be chosen from the Assembly. Parliament, which consisted of these two bodies, met once a year and had a duration of four years unless sooner dissolved.

The executive functions of the Government were carried on by the Governor, with the Executive Council acting in an advisory capacity: the legislative, by the Legislative Assembly and Council, with the latter acting as a check upon the former rather than as the originators of legislation, though in certain cases legislation might originate in the Council. This last body was at first designed to form the nucleus of an aristocratic class for Canada, but this did not seem fitted to the genius of the Canadian people, and in 1856. this also became an elective body. The members elected must own property to the value of £2000, and were elected for a period of eight years, though those previously appointed for life were continued as members, so that for a time the Legislative Council was both appointive and elective. Other changes were necessary also before Canada actually achieved responsible government, but it was finally accomplished by 1849 by means of concessions of the opposing parties in Canada and through powers granted by the Imperial Government. Chief among these powers were the authority to elect the Legislative Council, to remove the property qualification for election to the Assembly and the power to increase the Assembly without constitutional restrictions. In 1852 the Assembly was increased from eighty-four to one hundred and thirty, a sign of the expanding national life at this time.

Justice

Under the Act of Union there were also numerous changes in the administration of justice which were chiefly concerned with caring for conditions arising in outlying districts and with the extension or adaptation of courts already in existence. In 1841 District and Division Courts were established in Lower Canada, but were replaced two years later by Circuit Courts, which in 1849 were united into one court. In 1849 the several courts of queen's Bench of Lower Canada were replaced by a Court of queen's Bench made up of four judges having appelate civil jurisdiction, jurisdiction of a Court of Error and original criminal jurisdiction. A Court of Record of civil jurisdiction was formed also at this time and consisted of ten judges with original civil jurisdiction in quebec.

Meanwhile in 1845 District courts were set up in Canada west and a system of justice was gradually being established in Gaspé.

In 1849 radical changes were introduced by the setting up of a Court of Common Pleas with three judges, a New Court of Chancery, with two vice-chancellors to care for the expanding duties of the office, and a Court of Error and Appeal formed of the judges of the Court of Chancery, the Court of Queen's Bench and the court of Common Pleas. In 1857 the District Courts were changed to County Courts with Division Courts within the County Courts. The acts of 1853 and 1857 allowed the Governor to appoint judges and to hold courts in provisional districts to take care of the administration of justice in the rapidly increasing outlying districts.

The government documents of this period consist of the journals of the Legislative Council and of the Legislative Assembly and of the statutes of the Province. By 1860 the appendices to the journals, in which the reports of committees, commissions, etc. were published, had become so numerous that a new series called Sessional papers took over all of the material that had formerly been published as appendices of the journals, with the exception of committee reports which still appeared in the journals. Inese publications will be considered in detail in the section devoted to parliamentary publications.

Canada after Confederation, 1867-

The next historical period, that known as the period of Confederation, brings us to the form of government in force to-day. The forces that brought about Confederation were: dissatisfactions within the United Province due to conflict of interests in Upper and Lower Canada, a movement toward the federation of the Maritime Provinces and the feeling, both in Canada and in the mother country, that such a union would promote the economic interests of Canada and the protection of British interests in North America. These forces, long at work, finally crystallized in the British North America act that was first formulated in convention at Quebec in 1864, then passed by the various local legislatures and finally, after consultation between delegates from the Canadian legislatures and representatives of the government of Great Britain, was passed in 1867 by the mperial Parliament, with very little alteration.

Government after Confederation

The government then organized consists of an executive, a legislative and a judicial department with powers based on the general principles that the people may be taxed only by there own consent, that taxation and expenditure be controlled by the people and that local government be controlled by those concerned, with the single proviso that the Sovereign, on the advice of his Canadian ministers, may disallow any act in conflict with the interests of the Empire at large, or at variances with the treaties of England. The disallowance of bills has, however, long been a dormant power. Treatymaking power with foreign governments was also, in the beginning, reserved to the Imperial Government, with Canadian representatives in council for treaties directly affecting Canada. Later concessions granted the right to appoint plenipotentiaries for the negotiation of treaties and conventions. Resolutions adopted in imperial conferences from time to time were crystallized, in 1931, into the Statute of Westminister which granted to the dominions all privileges of nationhood, but with a clearly defined tie to the British Empire. A further distinctive feature of the new government was the assignment of certain definite powers to the provinces and c certain others to the central government. This last has a very defi effect on the subjects of legislation in Parliament, and hence upon government documents. The Dominion Parliament has legislative authority on the following subjects:1

Porritt, Edward. Evolution of the Dominion of Canada, p.229-230. Yonkers-on-Hudson, N.Y., World Book Co., 1918. xix + 540p.

the Dominion

- 1. The public debt and property.
- 2. The regulation of trade and commerce.
- 3. The raising of money by any mode or system of taxation.
- 4. The borrowing of money on the public credit.
- 5. Postal service.
- 6. The census and statistics.
- 7. Militia, military and naval service and defence.
- 8. The fixing of and providing for the salaries and allowances of civil and other officers of the government of Canada.
- 9. Beacons, buoys, lighthouses and Sable Island.
- 10. Navigation and shipping.
- Quarantine, and the establishment and maintenance of marine hospitals.
- 12. Seacoast and inland fisheries.
- 13. Ferries between a province and any British or foreign country, or between two provinces.
- 14. Currency and coinage.
- 15. Banking, incorporation of banks and the issue of paper money.
- 16. Savings banks.
- 17. Weights and measures.
- 18. Bills of exchange and promissory notes.
- 19. Interest.
- 20. Legal tender.
- 21. Bankruptcy.
- 22. Patents.
- 23. Copyrights.
- 24. Indians and lands reserved for the Indians.

- 25. Naturalization and aliens.
- 26. Marriage and divorce.
- 27. The criminal law, except the constitution of courts of criminal jurisdiction, but including the procedure in criminal matters.
- 28. The establishment, maintenance and management of penitentiaries.
- 29. Such classes of subjects as are expressly excepted in the enumeration of the classes of subjects by this act assigned exclusively to the legislatures of the provinces

Powers of the Provinces

The powers assigned to the province are:

- The amendment from time to time, notwithstanding anything in this act, of the constitution of the province, except as regards the office of the lieutenant-governor.
- Direct taxation within the province, in order to the raising of a revenue for provincial purposes.
- The borrowing of the money on the sole credit of the province.
- 4. The establishment and tenure of provincial offices, and the appointment and payment of provincial officers.
- 5. The managment and sale of the public lands belonging to the province and of the timber and wood thereon.
- 6. The establishment, maintenance and management of public and reformatory prisons in and for the province.
- 7. The establishment, maintenance and management of hospitals asylums, charities and eleemosynary institutions in and for the provinces, other than marine hospitals.
- 8. Municipal institutions in the province.
- Shop, saloon, tavern and other licences, in order to the raising of a revenue for provincial, local or municipal purposes.
- 10. Local works and undertakings, other than such as are of the following classes:

^{1.} Porritt, Edward. Evolution of the Dominion of Canada, p.231-233. Yonkers-on-Hudson, N.Y. World Book Co., 1918. xix + 540p.

- a. Lines of steam or other ships, railways, canals, telegraphs and other works and undertakings connecting the province with any other or others of the provinces, or extending beyond the limits of the province;
- b. Lines of steamships between the province and any British or foreign country:
- c. Such works, as, although wholly situate within the province are before, or after their execution, declared by the Parliament of Canada to be for the general advantage of Canada, or for the advantage of two or more of the provinces.
- 11. The incorporation of companies with provincial objects.
- 12. Solemnization of marriage in the province.
- 13. Property and civil rights in the province.
- 14. The administration of justice in the province, including the constitution, maintenance and organization of provincial courts, both of civil and oriminal jurisdiction, and including procedure in civil matters in these courts.
- 15. The imposition of punishment by fine, penalty or imprisonment, for enforcing any law of the province made with relation to any matter coming within any of the classes of subjects enumerated in this section.
- 16. Generally all matters of a merely local or private nature in the province.

The subjects of immigration and agriculture are designated as ubjects for concurrent legislation by the dominion and provincial arliaments, due to the fact that the federal government alone may onfer citizenship and must guard relations between parts of the mpire and those with foreign governments, and yet each province must aturally have an immigration policy of its own. In cases of conflict, ominion rulings supersede those of the provinces.

Education is left to the control of the provinces with the retriction that such legislation shall not be prejudicial to the rights ad privileges already granted to denominational schools. The Executive under Confederation

Under Confederation the executive power is legally vested in a Governor-General with the Privy Council of Canada acting in an advisory capacity. In practice this power is exercised by the Cabinet or Ministry, made up of members selected from the political party that enjoys the confidence of the House of Commons, and who are ex-officio members of the Canadian Privy Council.

Governor-General

The Governor-General is appointed by the Crown on the advice of the Canadian Ministry, and during his term of office must be without party affiliations. His duties are to keep the Colonial Office of the Imperial Government informed on Canadian affairs; to summon and prorogue Parliament; to assent to or reserve bills in the name of the Crown and to appoint senators, members of the Privy Council, lieutenant-governors of the provinces, almost all judges, and many high officials. His appointment is usually for a period of five years. In practice the Governor-General acts almost entirely on the advice of the Cabinet, and the power of reserving bil has long been dormant.

The Privy Council

This body consists of ministers, former ministers and of other to whom membership is given as a title of honor. Privy councillors are appointed by the Governor-General and technically hold office during pleasure, but as a matter of fact hold office for life.

-25- Chapter II

As has been previously noted the functions of the Privy
Council are chiefly honorary, but it must meet to sanction
matters that are left to the Governor in Council, and also to pass
orders-in-council on subjects where such orders are authorized
by statute. Though these functions, according to usage, are performed only by those members who are of the Cabinet, the President
of the Privy Council and not the Prime Minister presides when the
Cabinet or a portion of it meets in this capacity. The Privy
Council also administers the oath of office to Cabinet members.

The officers are the President , who is appointed by the Governor-General during pleasure, and the Clerk who is the permanent head of the Privy Council Office. There is also an Assistant Clerk and a clerical staff.

The Cabinet

This body is appointed by the Governor-General, for the duratic of Parliament, from members of the party in power and on the recommendation of the Prime Minister. This official is the head of the Cabinet and the recognized leader of his party. He is appointed by the Governor-General and asked to form a ministry. According to usage the Cabinet is usually made up of members from both houses of Parliament, but with a majority in the House of Commons, in fact, at times there have been no members of the Senate in the Cabinet. In addition to formulating policies of government and acting in a general advisory capacity to the Governor-General, ministers act as heads of the various govern-

ment departments, with the exception of a few who serve without portfolio. The latter are appointed either to secure the services of an able man who cannot devote all of his time to government service, to give representation to a district not actively represented on the Cabinet or to do honor to a person who has given some signal service to the country, and in all cases serve without compensation. Active members of the Cabinet receive a salary regulated by statute. If the Prime Minister, or Premier, as he is frequently called, dies or resigns, the Cabinet endures only until the appointment of his successor, who then forms a new ministry.

Executive Powers

The executive department of the Government, that is the Governor-General, the Cabinet and the Privy Council, formulates governmental policies, makes many appointments and issues orders-in-council that have the force of law, in cases where they are movered to do so.

ther Branches of the Executive

In addition to government departments, certain responsibilities are assigned to commissions, boards or committees, some of which are permanent, while others meet a temporary need.

Government Documents

The publications of executive departments, commissions etc. are numerous and valuable. They consist of serial and special publications which report the results of important investigations made by the government, and keep the public in touch with the activities of the government in general. These publications will be discussed in detail in the section devoted to departmental publications.

Legislative Branch under

Confederation

The legislative branch since Confederation has been called the Parliament of the Dominion of Canada, and consists of an upper and a lower house, called respectively the Senate and the House of Commons. Parliament must meet at least once a year and is assembled and prorogued by proclamation of the Governor-General. The duration of a Parliament is five years unless sooner dissolved.

The Senate

The Senate is made up of men appointed by the Governor-Generalfrom the various provinces, usually as an acknowledgment of some
public service. There are 96 senators; 24 from the Maritime Provinces, 24 from Quebec, 24 from Ontario and 6 from each of the four
western provinces. Provision is made for an increase in the number
of senators in the case of a deadlock between the House and the Senate.
With the exception of Quebec they may be appointed from any part of
the province, but in Quebec they must be appointed from each of
the senatorial districts, in order to insure a just representation
of the French and English speaking sections. The appointment of a

senator is for life unless he resigns; becomes bankrupt, insolvent or a public defaulter; is convinced of treason or crime; is absent from two consecutive sessions of Parliament or fails to keep the necessary property qualifications, which are unentailed property to the value of \$4000 in the province which he represents. He must be a British subject and at least thirty years of age at the time of his appointment.

Officers of the Senate

The officers of the Senate are a presiding officer called the Speaker, the Clerk and Assistant Clerks, the Law Clerk and the Gentleman Usher of the Black Rod, whose chief duty is the summoning of the House of Commons to the Senate chamber when such attendance is desired, all of which offices are appointive. There are also a number of lesser officials.

Committees of the Senatel

Committees of the Senate are of various types: committees of the whole, joint committees, select standing committees and special committees. The standing committees of the Senate are at present:

- 1. Joint Committee on the Library. 10. Finance.
- 2. Joint Committee on Printing.
- 3. Joint Committee on the Restaurant.
- 4. Agriculture and Forestry.
- 5. Banking and Commerce.
- 6. Civil Service Administration.

- 11. Immigration and Labour.
- 12. Internal Economy and Contingent Accounts.
- 13. Miscellaneous Buildings and Grounds.
- 14. Public Buildings and Grounds.
- 15. Public Health and Inspection of Foods.

^{1.} Journals of the Senate, v.LXIX, 1931, p.11-19 (Appendix) Ottawa, King's Printer, 1931. vi+386p.

^{2.} See definitions, p. for definitions of types of committees.

- 7. Commerce and Trade Relations 16. Railways, Telegraphs and Harbours. of Canada.
- 8. Debates and Reporting. 17. Standing Orders.
- 9. Divorce.

Duties and Powers of the Senate

The Senate has equal legislative powers with the House of Commons, except that no financial bills may originate or be amended here.

According to usage divorce bills and many private bills originate in the Senate. It has become the practice for both the party in power and the opposition to have a leader in the Senate who guides the policy of the party which he represents. This chamber often renders valuable service in the revision of bills that come from the House.

Government Documents

The documents issued by the Senate are practically a continuation of those issued by the Legislative Council, but much expanded, as is natural, from the enlarged activities attendant upon the growth of the nation. They consist of journals, debates, sessional papers and statutes, the last two being joint publications of the Senate and the House of Commons. They include much important information, and will be discussed in detail in the section devoted to the publications of legislative bodies.

House of Commons

The lower house of Parliament is composed of members elected under very carefully framed dominion laws. There are no property qualifications for election to the House, but a candidate must be a British subject. There are certain mental and moral disqualifications and

restrictions as to the holding of other offices. Members are elected for the duration of Parliament, which is for five years unless earlier dissolved. The number of members from each province is based on the representation of the Province of whebec. Whebec always has 65 members and the number of members from each of the other provinces must bear the same relation to the population of that province that 65 bears to the population of whebec, but no province may have fewer members in the House that it has in the Senate. Thus, with the exception of the Province of whebec, the number of members from each province must be reapportioned after each decennial census.

Officers of the House of Commons

The presiding officer of the House is the Speaker, who is elected by that body at the beginning of each session. A Deputy-Speaker is similarly elected, and the following additional officers are appointed: a Clerk, the necessary assistant clerks, a Sergeant-at-Arms, who preserve the order and decorum of the House and a number of lesser officials.

Duties and Powers of the House of Commons

The House has control of all financial measures, both of taxation and expenditure. This power is exercised under many constitutional safeguards. All such measures must be proposed by the Cabinet, and the House may decrease but not increase any tax or expenditure.

A session of the House is occupied mainly with government bills, that it legislation proposed by the Cabinet, plus a certain number of private members bills and private bill legislation. Government bills have chiefly to do with the budget and with supplies, in addition to new legislation that comes up from time to time. The finance and supply

bill, together with the debate on the Speech from the Throne consume a large portion of the time of the House. Private members bills emanate from members not of the Cabinet, and consist chiefly of reform measures and amendments to previous legislation. Private bill legislation comprises: divorce bills, bills for incorporation of transport, industrial and financial undertakings and educational and philanthropic institutions.

Committees of the House of Commons.1

A distinctive feature of the plan of work for the House is the assignment of important duties to standing select committees which are appointed by a special committee at the opening of each session.

These standing committees at present (1931) are:2

- 1. Privileges and Elections. 8. Agriculture and Colonization.
- Railways, Canals and Tele- 9. Marine and Fisheries. graph Lines.
- 3. Miscellaneous Private Bills. 10. Mines, Forests and Waters.
- 4. Standing Orders. Il. Industrial and International Relations.
- 5. Printing (Joint Committee) 12. Debates.
- 6. Public Accounts. 13. The Library. (Joint Committee)
- 7. Banking and Commerce. 14. The Restaurant. (Joint Committee)

In addition special committees of the House of Commons and joint committees of the Senate and House are appointed from time to time as the need arises.

Government Documents and the House of Commons

The publications that emanate from the House are: journals, de-

^{1.} For definition of types of committees, see p. vii

^{2.} Journals of the House of Commons ... 1931, p. 108-113. Ottawa, King's Printer, 1931. 795p.

bates, sessional papers and statutes, the last two being issued jointly by the Senate and the House. These publications will be discussed in detail in the section devoted to legislative publication

Justice

Since Confederation the provinces constitute and organize, for provincial purposes, courts of both civil and criminal jurisdiction though the judges of the superior, district and county courts are paid by the dominion government and are appointed by the Governor-General. Procedure in civil cases is regulated by each province for its own courts.

Criminal law and procedure are controlled exclusively by the federal government. There are only two federal courts: the Supreme Court and the Court of Exchequer and Admiralty which were established in 1875. The latter deals with patents, trademarks and similar matters: has concurrent jurisdiction in revenue cases with the provincial courts and has exclusive jurisdiction in cases against the Crown and in petitions of right in the federal area. The Supreme Court consists of a Chief Justice and six puisne judges, and is primarily a court of appeal for Canada, though in criminal cases, appe may be made only in certain cases and under certain circumstances. I also has appellate jurisdiction in controverted elections. The appe late jurisdiction of the Supreme Court is governed by federal regula tions, but is administered differently in the various provinces. The Supreme Court also furnishes opinions to the Governor-General in Council in cases of law and fact. Under certain circumstances and by by permission, appeal may be made to the Judicial Committee of the Imperial Privy Council from both the provincial courts and the Suprem Court.

Government Documents of the Judiciary

The publications of this department consist of reports of the cases tried in the federal courts of Canada, and will be discussed in detail in the section devoted to the publications of the Judiciary.

Bibliography

- Bourinot, Sir John George. How Canada is governed ... 2nd ed. Toronto, Copp Clark Co., 1895. 344p
- Bourinot, Sir John George. Parliamentary procedure and practice in the Dominion of Canada ... 3rd ed. Toronto, Canada Law Book Co.,1903. 892p.
- Same. 4th ed., 1916. 693p.
- Canada and its provinces v.6,7,8. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.
- Canada. Senate Journals ... 1919. Machinery of government, p.340-374. Ottawa, King's Printer, 1867- v.1-
- Canadian almanac and legal court directory, 1933. v.p., v.p., 1856?-
- Canadian parliamentary guide, 1933. Edited by n.L. Normandin. Ottawa, Printed by the Mortimer Co., 1933. 704p.
- Kennedy, William Paul McClure. The constitution of Canada ... Lond. Oxford Univ. Press, 1922. 519p.
- Porritt, Edward. Evolution of the Dominion of Canada ... Yonkers-on-Hudson, N.Y. World Book Co., 1918. 540p.

CHAPTER III

Publications of Legislative Bodies

By reference to the chapter devoted to government organization it may be noted that legislative publications of Canada as a whole did not begin until 1840, the earlier legislative documents being classed either as archives or as provincial documents, with the exception of a few compilations of laws and ordinances that will be included under "Statutes". From 1840 on we have a continuous series that records legislation for the people of Canada that is enacted by Canadians, which renders it important as the portrayal of Canadian life and thought. In a government so thoroughly representative, legislative publications include practically every phase of national life.

Legislative Publications, 1840-1866

Canada. Legislative Assembly

Serials

Journals of the Legislative Assembly of the Province of Canada. 1540-1566. v.p.,v.p., 1541-1566. v.1-26. 73 appendices.

Records the daily transactions of the Legislative Assembly with appendices including reports of committees, commissions, departments and institutions. After 1860 the material formerly included in the appendices was transferred to a series called Sessional papers, with the exception of reports of committees which were retained in the Journals. Appendices were indicated by letters; A-Z, AA-ZZ, AAA-ZZZ, etc. to 1856, after which they were numbered.

Votes and proceedings of the Legislative Assembly ... 1849-1866 v.p., v.p., 1849-1866. v.

Records daily, in pamphlet form, the material that is later published in the Journals of the Legislative Assembly. This form is merely for the temporary use of the members.

Catalogues and Indexes

- General index to the Journals of the Legislative Assembly of Canada in the 1st, 2nd and 3rd Parliaments, 1841-51. Montreal, Lovell, 1855. 575p.
- General index to the Journals of the Legislative Assembly of Canada in the 4th, 5th, 6th, 7th and 8th Farliaments, 1852-1866, by Alfred Todd ... Ottawa, Hunter, Rose and Co., 1807. 944p.

Includes Sessional papers, 1860-1866.

There is also an index to the Journal for each session in the volumes for the session.

Special Publications

- Note: An attempt has been made to include all returns, reports, etc. not printed in appendices to the Journal or in Sessional papers. Reprints from these series have not been included.
- Address at the bar of the Legislative Assembly of Canada against the bill intituled: "An act to define seigntorial rights in Lower Canada and to facilitate the redemption thereof", by Christopher Dunkin. Quebec, Frinted at the Canada Gazette Office, 1853. 109p.

Issued also in French.

Correspondence between the French Government and the governors and intendants of Canada relative to the seigniorial tenure. Quebec, Printed by E.R. Fréchette, 1853. 56p.

Issued also in French.

- Debats dans l'Assemblée législative sur la tenure seigneuriale. Québec, Fréchette, 1853. 40p.
- Edicts, ordinances, declarations and decrees relative to the seigniorial tenure, 1851. Quebec, Printed by E.K. Fréchette, 1852. 337p.

Issued also in French.

- Etats des banques incorporées, transmis en conformité d'un ordre de l'Assemblée législative, du mars, 1857. Toronto, Imprimé par J. Lovell, 1857. 100p.
- Maps, reports, estimates, etc. relative to improvements of the navigation of the River St. Lawrence and a proposed canal, connecting the River St. Lawrence and Lake Champlain. Toronto, J. Lovell, 1856. 40p. maps.

Parochial and townships subdivisions of Lower Canada, in return to the annexed address of the Legislative Assembly, 1853. Quebec, Printed by E.R. Fréchette, 1853. 152p.

Issued also in French.

Report of the exploration of the country between Lake Superior and the med River Settlement, and between the latter place and the Assiniboine and Saskatchewan, by S.J. Dawson. Toronto, J. Lovell, 1859. 45p. maps.

Issued also in French.

- Report on the Canadian gold fields and the best means of their development ... Quebec, G.E. Desbarats, 1865. 126p. maps.
- Report on the Ottawa and French River navigation project. Ey Walter Shanly ... Montreal, J. Lovell, 1863. 56p.
- Return to an address shewing in detail what books, maps, & other articles for schools or teachers, have been purchased or sold, by the Superintendent of Education, West. Quebec, J. Lovell, 1863. 65p.
- Rules, orders and forms of proceedings. Quebec, [n.p.] 1860.
- Rules, orders and forms of proceedings of the Legislative Assembly of Canada ... Quebec, [n.p.] 1861. 100p.
- Standing rules and regulations of the Legislative Assembly adopted in the first session of the Provincial Parliament. Montreal, [n.p.] 1844. 35p.
- Standing rules and regulations of the Legislative Assembly of Canada ... Kingston, Desbarats and Cary, 1841. 40p.
- Title and documents relating to the seigniorial tenure, 1851. Quebec, E.R. Fréchette, 1852. 490p.

Issued also in French.

Title and documents relative to the seigniorial tenure, required by an address of the Legislative Assembly, 1851. Quebec, E.R. Fréchette, 1852. 216p.

Issued also in French.

Central Board of Health

Report ... in return to the annexed address of the Legislative Assembly, 1854. Quepec, John Donaghue and Co., 1855. 27p.

Commissioners of the Marine and Emigrant Hospital, Quebec

Rapport des Drs. Nelson et Macdonnell, et Zéphirin Parrault, ecr., avocat, sur l'Hopital de marine et des émigrés de Quebec, et correspondence relative aux services du Dr. kobitaille dans le dit hôpital. Québec, J. Lovell, [n.d.] 132p.

Inspectors of the Provincial Penitentiary

Return to an address to the Legislative Assembly, for copies of the last annual report by the inspectors of the Provincial Penitentiary. Quebec, J. Lovell, [1853]. 109p.

Canada. Legislative Council

Serials

Journals of the Legislative Council of the Province of Canada ... 1840-1866. v.p.,v.p., 1841-1866. v.l-26.

A record of the daily transactions of the Council followed by appendices that include reports of committees, and other matters presented to the Council, etc. The number of appendices diminished after 1860 when this material was transferred to a new series called Sessional papers, with the exception of committee reports which were retained in the Journals. Appendices are sometimes numbered and sometimes lettered.

Published also in French.

Minutes and proceedings of the Legislative Council. v.p.,v.p., 1857-1866. v.

This series consists of pamphlets issued daily during the sessions of the Council, which include the same material that appears later in the Journals. This form is merely for the immediate use of the members of the Council.

Catalogues and Indexes

There are no general catalogues or indexes, to the above series, but an index is included in the Journal for each session.

Special Publications

- Note: An attempt has been made to include all reports, returns etc. not included in the appendices to the Journal or in Sessional papers. Reprints from these series have been excluded.
- Rules, orders and forms of proceeding of the Legislative Council of Canada. Quebec, Hunter, Rose and Lemieux, 1862. 56p.
- Standing orders of the Legislative Council of Canada adopted in the 3rd session of the 2nd Parliament ... 1847. Toronto, Printed by George Brown, 1851. 87p.
- Standing orders of the Legislative Council of Canada ... Quebec, Printed by Bureau and Marcotte, 1853. 103+99p.

English and French editions bound together.

Standing rules and regulations of the Legislative Council ...
Kingston, Printed by G. Desbarats and T. Cary, 1841. 41p.

Includes Royal instructions, rules and regulations and standing orders on divorce.

Canada. (Province) Parliament

Serials

Bills ... 1863-1866. v.

Includes bills of both the Assembly and Council in all forms in which they were presented to Parliament.

Debates of Parliament

The debates of the early Parliaments, as in most countries, were not officially reported, the only records are, with a few exceptions, the so-called Scrap-book debates which are in the Library of Parliament. These debates consists of clippings from the newspapers of the time, which have been mounted in scrap-books, and for which hand-written indexes have been made.

^{1.} It is probable that a French edition was issued also, but only an English edition is available.

Though it must be remembered that these are not, strictly speaking, government publications, entries have been included for all volumes of debates for this period, since they are the only records available. For convenience the record is given in chronological order.

Mirror of Parliament of the Province of Canada, from March 20th to June 9th, 1846, being the second session of the second 'Parliament. Montreal, Printed by M. Reynolds, Pilot Office, 1846. 228p.

An English edition only was issued.

Scrap-book debates of the Parliament of the Province of Canada, 1854-1866. v.p., v.p., 1854-1866. 13v.

Made up in the Library of Parliament of clippings from various Canadian newspapers of the period. Hand-written indexes have been made for each session.

Thompson's Mirror of Parliament, being a report of the debates in both Houses of the Canadian Legislature, 3rd session, 6th Parliament. Quebec, Thompson and Co., 1860. v.p.

A French and English edition.

Parliamentary debates on the subject of confederation of the British North American provinces, 3rd session, 8th Provincial Parliament of Canada. Quebec, Hunter, Rose and Co. 1865. 1032p.

Sessional papers of the Province of Canada, 3rd session of the 6th Parliament, 1860 to the 5th session of the 8th Parliament, 1866. v.p.,v.p., 1860-1866. v.19-26.in 42v.

This series is a continuation of the appendices to the Journals of the Legislative Council and the Legislative Assembly. Committee reports were continued in the Journals of these two bodies, but all other material was transferred to Sessional Papers. Which are numbered as a continuation of the appendices to the Journals of the Legislative Assembly.

Catalogues and Indexes

Sessional papers 1860-1866 are indexed in the General index to the Journal of the Legislative Assembly... 1852-1866, and an alphabetical and numerical list of the papers for each session are given in the front of each volume for the session.

Special Publications

There are no special publications of the Provincial Parliament.

Statutes

Though the laws and ordinances of the French régime and the early British régime are not publications of a legislative body, since practically no legislative bodies existed in Canada at these periods, they are included here as a matter of convenience, in order that there may be in one place a complete chronological list of laws up to the time of Confederation. The statutes of Upper and Lower Canada are omitted as belonging to the documents of Ontario and Quebec rather than to those of Canada as a whole.

French Régime

Ordinances made for the Province of Quebec by the Governor and Council for the said province since the establishment of civil government. Quebec, Printed by Brown and Gilmore, near the Bishop's Palace, 1767. 8lp.

These ordinances are in chronological order from 1764-1767, the text in each case being given first in English then in French.

An abstract of those parts of the custom of the Viscounty and Provostship of Paris which were received and practiced in the time of the French government. Drawn up by a select committee of French gentlemen well skilled in the laws of France and of that province. By the desire of the Honourable Guy Carleton, Esquire, Governor-in-chief of the said province. London, Frinted by Charles Eyre and William Strahan, 1772. V.p.

The purpose of this compilation seems to have been to provide a view of the laws and customs prevailing during the French régime. The laws are classified by subject with a section devoted to edicts, declarations, provincial ordinances, regulations and the commissions of the officials of the province.

Edits, ordonnances royaux, déclarations et arrêts du Conseil du Roi, concernant le Canada; mis par ordre chronologique et publiés par ordre de son Excellence Sir Robert Shore Milnes, Baronet, Lieutenant Gouverneur de la province du Bas-Canada... Quebec, Imprimés par P.L. Desbarats, 1803-1806.

A compilation made in response to an address to the Governor of Lower Canada by the Legislative Assembly in 1801. The title of chronological order. Each volume is indexed separately.

Edits, ordonnances royaux, déclarations et arrêts du Conseil d'Etat du koi concernant le Canada ... Québec, De la Presse à vapeur de E.R. Fréchette, 1854-56. 3v.

A revised and corrected edition of the Edits, ordonnances royaux etc. published in 1803-1806. The title page differs in each of the three volumes. Each volume has a chronological table of the titles included, and the third volume has an alphabetical index to the three volumes.

British Regime, 1759-1791

A collection of the acts passed in the rarliament of Great Britain and of other public acts relative to Canada. Quebec, Printed by P.E. Desbarats, 1800. v.p.

Known as Canada statutes, volume J. Contents: 1. Articles of capitulation.

2. An act for making more effectual provision for the government of the province of webec.

3. An act to establish a fund towards defraying the charges of the administration of justice [etc] in the Province of Quebec.

4. An act to repeal certain parts of An act for making effectual provision for the government of quebec. 5. Proclamations declaring when the Act 31 Geo. 3

shall have effect in the provinces of Upper and Lower Canada.

6. Order of the Governor in Council for the regulation of commerce between this Province and the United

States of America.

7. Proclamations declaring His Majesty's pleasure concerning the Royal stile and titles appertaining to the Imperial Crown of the United Kingdom ... and its dependencies, and also the ensigns armorial, flags and banners thereof.

Each section is printed first in English, then in French.

British Régime 1840-1866

Statutes of the Province of Canda ... 1840-1866. v.p., v.p., 1841-1866. 26v. in 24v.

In various bindings and with varying title pages. Includes reserved acts and all acts, treaties and proclamations of the government of Great Britain that affect Canada. There is one volume in English and one in French for each year. Each volume has a table of contents and an index in the back.

The consolidated statutes of Canada, being the public general statutes which apply to the whole of the Province, as revised and consolidated by the commissioners appointed for that purpose. Toronto, Printed by Stewart Derbishire and George Desbarats, 1859. 1247p.

Includes the report of the commission appointed to revise and consolidate the statutes, the constitution of the Frovince of Canada and the classified acts which relate to the whole Province. The classification is given in the front of the volume and a schedule of acts and an index in the back.

The consolidated statutes of Canada ... Toronto, Printed by Stewart Derbishire and George Desbarats, 1859. 1377p.

This edition omits the report of the commission appointed to revise the statutes, follows the same classification as the edition cited above and gives in addition:

Schedule A, Acts consolidated and repealed Schedule B, Acts and parts of acts wholly or partly consolidated, and accounts for those not consolidated.

Schedule C, All the statutes of Canada. An index to chapters and a general index are included.

Catalogues and Indexes

- *Hancock, John Webster, comp. A synoptical index of the consolidated statutes of Canada and Upper Canada, with notices of the later acts which affect them, including the session of 1864. Toronto, Chewitt, 1865. 479p.
- *Index to dominion and provincial statutes from the earliest period down to 1916. Montreal, Lovell, 1918. [1013p.

The earlier edition has been omitted since the later edition includes all the material of the first with some additional items.

^{*}Indexes marked by an asterisk are not government publications but are included on account of the aid they give in using the Statutes.

*Irving, Aemilius. An index to the statutes of Canada 1840-50 comprising all the acts passed, in force and repealed in Upper and Lower Canada from the act of Union to the close of the last session, together with a chronological index showing the date of Royal assent. Toronto, [n.p.] 1850. 72p.

A chronological index is included.

Wickstead, Gustavus William. An index to the statutes of Canada 1841-1853. Quebec, [n.p.], 1853. 84p.

Legislative Publications, 1867-

Note: Unless otherwise stated all documents are issued from Ottawa and by the Queen's or King's Printer.

Canada. House of Commons

Debates of the House of Commons of the Dominion of Canada. 1875- [v.1-]

Usually called "Hansard" because of its prototype, the debates of the British House of Commons. From 1875 to 1879 the contract for reporting these debates was awarded to private reporters, but from 1860 on, an official staff of reporters was appointed in order to secure permancy and uniformity. There are several volumes for each session which record the debates of the House day by day, messages of the Governor-General and varying information such as lists of the members of the House, committees of the House, the Ministry, etc. Such lists are sometimes omitted, sometimes included. Frinted in English and French, 1875-Issued daily in pamphlet form also during the session.

Catalogues and Indexes

Up to 1924 an index to the debates for each session was included in the volume for the session, but since 1924 it has been published in a separate volume. In addition the following general series of indexes was published.

Analytical index to the official reports of the debates of the House of Commons of the Dominion of Canada ... 1904-1916.. v.1-12.

^{*}Indexes starred are not government publications but are included on account of the aid they give in using the Statutes.

^{1.} For earlier unofficial reports of the debates of Parliament, see p. 49,50.

Bound volumes of debates are revised and edited but no material alterations are permitted.

Journals of the House of Commons of the Dominion of Canada ... 1867-

Includes the daily transactions of the House of Commons. proclamations, the Speech from the Throne and reports of committees. Long committee reports are published as appendices. In the early years after Confederation there was one volume for each session, but the number was soon increased to two or more. An index for each session is included in the last volume for the session.
Issued also in French.

Routine proceedings and orders of the day. 1867- [v.1-]

Agenda for the day for the use of the members of the House. Issued daily during each session of Parliament.

Votes and proceedings of the House of Commons of Canada. 1867-[v.1-]

Issued daily during each session of Parliament for the convenience of members of the House, and includes the same information that appears later in the Journals of the House. The French edition is called rroces verbaux de la Chambre des Communes.

Catalogues and Indexes

- General index to the Journals of the House of Commons of Canada, and of the Sessional papers of Parliament from 1867-1876 inclusive, by William C. Bowles ... 1880. 632p.
- General index to the Journals of the House of Commons ... and of the Sessional papers of Parliament 1877-1890 inclusive, by William C. Bowles ... 1891. 945p.
- General index to the Journals of the House of Commons ... and of the Sessional papers from 1891-1903 inclusive, by D. McGillicuddy ... 1905. 620p.
- General index to the Journals of the House of Commons ... and to the Sessional papers from 1904-1915 inclusive, by Edwin Crowell ... 1916. 923p.
- General index to the Journals of the House of Commons ... and of the Sessional papers from 1916-1930, inclusive, by C.W. Boyce ... 1932. 992p.

Special Publications

- Note: An attempt has been made to include all reports, returns, etc. not included in the Journal or Sessional papers. Reprints from these have been excluded.
- Alphabetical list of the members of the House of Commons with their constituencies and post office addresses, 2nd session, 6th Parliament. 1888. 27p.
- Decisions of the Speakers of the House of Commons of Canada 1867-1900, by L.G. Desjardins. [1901] 415p.
- Decisions of the Speakers of the Legislative Assembly and House of Commons of Canada from 1841-1872 with an appendix containing the Speakers' decisions on Election petition recognizances. 1872. 212p.
- Each decision is preceded by an exposition of the principle of parliamentary procedure on which it is based.
- Documents relative to the European War comprising orders-in-council, cablegrams, correspondence and speeches delivered in the Imperial House of Commons. 1915. 167p.
- Manual showing private bill practice of the Parliament of Canada ... , by Edward P. Hartney ... 1882. 62p.
- Report of the select committee appointed by the House of Commons to enquire into the operation of the tariff on the agricultural interests of the Dominion ... 1883. 767p.
- Report on the Intercolonial Railway exploratory survey made under instructions from the Canadian government, 1864, by Sir Sanford Fleming ... 1868. 127p.
- Resumé of general elections of 1896, 1900, 1904, 1908 and 1911 and of by-elections held between July 11th, 1896 and January 1st, 1916, by James G. Foley, Clerk of the Crown in Chancery for Canada. 1916. 117p.
- The title of Clerk of the Crown in Chancery is an old one for a clerk of the House of Commons, which was abolished in 1920.
- Rules of the House of Commons of Canada adopted July 10, 1906. 1906. 71p.
- Rules of the House of Commons of Canada, May 10, 1909 with appendix. 1 80p.

^{1.} It is probable that a French edition was published also but none have been available for examination.

Rules of the House of dommons of Canada with appendix, April 29, 1910. 1910. 82p.

Rules of the House of Commons of Canada with appendix, Nov. 21, 1912. 1912. 88p.

Rules of the House of Commons of Canada with appendix, April 23, 1913. 1913. 91p.

Rules of the House of Commons of Canada with appendix. 1 1918.

Rules, orders and forms of proceeding of the House of Commons of Canada ... 1876. 313p.

In English and French on opposite pages.

Rules, orders and forms of proceeding of the House of Commons of Canada. 1880. 99p.

In English and French on opposite pages.

Rules, orders and forms of proceeding of the House of Commons of Canada. 1884. 333p.

In English and French on opposite pages.

Rules, orders and forms of proceeding of the House of Commons of Canada ... 1836. 99p.

In English and French on opposite pages.

Rules, orders and forms of proceeding of the House of Commons of Canada. 1896. 341p.

In French and English on opposite pages.

Rules, orders and forms of proceeding of the House of Commons of Canada. 1901. 345p.

In French and English on opposite pages.

Rules, orders and forms of proceeding of the House of Commons of Canada. 1904. 79p.

Select Standing Committee on Railways and Shipping. Reports 1-7, 1932. 1932. 458p.

Standing orders of the House of Commons. 1927. 84+91p.

Pt. 1 in English. Pt. 2 in French.

^{1.} It is probable that a French edition was also published but none are available for examination.

Treatise on the proceedings to be adopted in conducting or opposing private bills in the Parliament of Canada and the standing orders of both Houses in relation thereto, by Alfred Todd ... 3rd ed. Ottawa, John Duthie and Son, 1868. 159p.

Canada. Senate

Serials

Debates of the Senate of the Dominion of Canadal... 1871- [V.1-]

This series is called "Hansard" from its prototype, the parlia-

mentary debates of Great Britain.

From 1871-1916, the contract for reporting debates was awarded to various persons, and from 1871-1899 they were published in English only, but since 1917 an official reporter has been appointed for the Senate, and the debates are printed in both French and English.

the Senate, and the debates are printed in both French and English.

The debates are recorded day by day, and the Speech from the

Throne and the reply thereto are included. Since 1896 a list of
senators has also been included. There is usually one volume for
each session in both English and French. For 1921 very few copies
are in existence. The Library of Parliament has two copies and
the Library of Congress one copy.

Issued daily in pamphlet form during the session.2

Catalogues and Indexes

There are no general indexes for this series, but an index for each session is included in the last volume for the session.

Journals of the Senate of Canada, 1867- v.1-

Includes the daily transactions of the Senate; the Speech from the Throne; since 1886, a list of senators; since 1902, a list of the standing committees of the Senate and a list of the bills to be assented to for the session. There is usually one volume for each session. The appendices consist of the longer committee reports, the briefer reports being given in the daily transactions. Recent Journals often omit committee reports.

Minutes of proceedings of the Senate of Canada. 1867- [v.1-]

Preceded by the Minutes of proceedings of the Legislative Council. In pamphlet form and issued daily during each session of Parliament. The French edition is called Proces-verbaux du Senat.

Catalogues and Indexes

There are no general indexes for this series, but an index for the session is included in the volume for the session.

^{1.} For earlier unofficial reports of parliamentary debates, see

P. 49; 50.
2. The bound edition of the debates is revised and edited, but no material alteration is permitted.

Special Publications

Canada Senate manual1... 1907. 292p.

- Canada's fertile northland; a glimpse of the enormous resources of part of the unexplored regions of the Dominion; evidence heard before a select committee of the Senate of Canada during the parliamentary session of 1906-1907 and the report thereon; ed. by Captain Ernest J. Chambers ... 1907. 139p. maps.
- The Great Mackenzie basin. keports of the select committees of the Senate, sessions 1887 and 1888. A summary of the reports of the "Schultz committees"... 1908. 80p.
- ... Old age annuities. Speeches delivered in the Senate of Canada during the third session of the 10th Parliament ... 1907. 86p.
- ... Proceedings and evidence in re the bill from the House of Commons (no. 82) intituled: "An act respecting the Baie des Chaleurs Railway Company ... 1891. 382p.
- ... Proceedings of the special committee appointed to inquire into the development and improvement of the St. Lawrence River with a prefatory digest of the evidence adduced and fyled. 1928. 3389.
- Proceedings of the Standing Committee on Public Health and inspection of food Bill D. An act to make venereal disease an impediment to marriage.... 1928. 38p.
- Réglement du Sénat du Canada. 1925. 84p.
- Report of the select committee of the Senate appointed to inquire into the resources of the Great Mackenzie Basin. Session 1888. 310p. maps.
- Report of the special committee appointed to report on the navigability and fishery resources of Hudson Bay and Strait. 1920. 58p.
- Report of the Standing Committee of the Senate on Public Health and Inspection of foods, being a summary of the evidence prepared by Dr. P.H. Bryce.... 1910. 31p.
- Rules of the Senate of Canada. 1923. 76p.
- Rules, orders and forms of proceeding of the Senate of Canada. 1876. 49+160p.

Forms and proceeding are in English and French on opposite pages.
A separate edition in French was also issued in 1876.

^{1.} It is probable that a French edition was also issued at thi time, but no copies are available for examination.

-49- Char

Rules, orders and forms of proceeding of the Senate 1.896.

Standing rules and orders of the Jenate of Canada adopted during the session of 1906. 1918. 32p.

Standing rules and orders of the Senate of Canada relating to divorce, adopted during the session of 1906. 1918. 32p.

Standing rules and orders of the Senate of Canada relating to divorce amended to 1922.1 1922. 24p.

Canada. (Dominion) Parliament

Serials

Annual departmental reports ... 1925- v.

Includes reports of governmental departments and some commissions. Continues the departmental reports issued in <u>Sessional papers up</u> to 1924.

Catalogues and Indexes

There are no catalogues or indexes for this series but a list of the reports for the session is given in the front of each volume.

Bills ... 1867- [v.1-]

8.

Includes bills of both Houses of Parliament in all forms in which they were presented to Parliament.

Debates of Parliament (Dominion)2

The publications given below are entirely unofficial, but are included as the only records of the debates of the early Dominion Parliaments.

Parliamentary debates, 1866-1871. [n.p., n.p., 1866-1871]

Called Scrap-book debates because the only copies are clippings mounted in scrap-books in the Library of Parliament. They were made up from clippings from the various Canadian newspapers of the time.

^{1.} Im is probable that a French edition was also issued at this time but no copies are available for examination.

² F later series of parliamentary debates, see p.43 and p.47

35 Tliamentary debates, Dominion of Canada, 3rd session ... 1870. Ottawa, Published at the Office of the Ottawa Times, 187(-1872.

V. 3 was printed by Robinson, Roger and Co., 1872. Includes debates of both Houses. Often called "Cotton debates" because reported by John Cotton, a reporter on the Ottawa Times.

Sessional papers ... 1867-1925. 61v. in 923v.

Continues the Sessional papers previous to Confederation and includes material of the same character, i.e. everything that comes before Parliament that is ordered printed, with the exception of the reports of committees which are continued in the Journals of each House. There are several volumes for each session, and each volume includes an alphabetical and numerical list of the papers for the session. They are not paged continuously and indexes refer to the number of each document rather than to pages.

The series was discontinued in 1924, but the departmental reports formerly included were continued in the series called Annual

departmental reports.

Catalogues and Indexes

The general indexes to the Bessional papers are included with those to the Journals of the House of Commons, see p.44.

The individual volumes have no indexes other than the alphabetical and numerical lists of documents at the front of each volume.

Special Publications

Epitome of parliamentary documents in connection with North-West Rebellion, 1885. 1886. 389p.

Issued in French also.

Etat indiquant les details de certain services pour lesquels un vote de la Législature est requis pour l'année fiscale finissant le 30 Juin, 1867.1 [n.d.] 29p.

Jubilee. Jubilee of confederation. Canada in 1867 Canada in 1917 1917. 14p.

^{1.} It is probable that an english edition was printed also none are available.

Parliamentary memoir of G.H. Baker, Lieut.-Col. 5th Canadian Mounted Rifles, killed in action June 2nd. 1916. 1924. 22p.

Reports of several select committees of the Legislative Assembly of the late Province of Canada, the House of Commons and the Legislative Assembly of Ontario, on the Huron & Ontario Ship Canal. Toronto, Hunter, Rose & Co., 1871. v.p.

oyal Labour Commission, 1886. Report on the relations of capital and labour in Canada. 1889. 6v.

Jominion Statutes

Note: Unless otherwise stated, the statutes were published from Ottawa and by the Queen's or King's Printer.

Acts of the Parliament of the Dominion of Canada: [with reserved acts]. 1867-[v.1-]

One volume for each session. Since 1875 the volumes have been divided into two sections, one devoted to public general acts and the other, to local private acts. A preliminary section includes treaties, proclamations, orders-in-council, despatches, appointments and special regulations. Each volume includes a table of contents and index for each session.

Revised statutes of Canada, 1886. 1887. 2v.

Statutes are arranged by subject, together with any amendments. Includes also a list of acts and parts of acts repealed, a history of acts and a table of acts and parts of acts consolidated. There is an index in volume 2. Issued in both English and French.

Revised statutes of Canada, 1906. 1906. 4v.

Brings up to date the information included in the edition of 1886, and includes also the text of a number of important acts and orders-in-council. Issued in both French and English, with an index in volume 4.

Revised statutes of Canada, 1927. 1927. 5v.

The 1927 edition brings up to date the material of the 1906 edition. Issued both in English and French with an index in volume 5.

^{1.} Acts may be purchased from the King's Printer in pamphlet form prior to the time of publication of the annual volume.

Catalogues and Indexes

*Bligh, Harris Harding. Dominion law index, 1867-1914. 3rd ed. Toronto, [n.p.] 1915. 549p.

Earlier editions are omitted since the 3rd edition includes .all the material of earlier editions.

*Bligh, Harris Harding. Statutatory annotations to the Revised statutes, 1906, and other Canadian statutes. Toronto, [n.p.] 1919. 94p.

Gives references to every change made in the annual statutes, 1907-1919. 94p.

- Hayes, F.B. and Wicksteed, kichard John. Index to the acts of the Dominion of Canada and to the acts of the Imperial Parliament affecting Canada. 1882. 52+37p.
- *Index to the dominion and provincial statutes from the earliest period down to 1916. Montreal, Lovell, 1918. 1013p.

An analytical subject index.

- *Index to eastern provinces and dominion statute amendments to 1926. Toronto, Garrett, [1927] 122 numb. 1.
- *Index to western provinces and dominion statute amendments to 1926 ... Toronto, Garrett, 1927. 101 numb. 1.
 - Wicksteed, Gustavus William. Classified table of the public general statutes of Canada wholly or partly in force at the end of the session of 1882. 1883. 15p.
 - Wicksteed, Richard John. Table of the statutes of the Dominion of Canada and the British North American act, 1867, with an alphabetical index. 1874. 108p.
 - Wicksteed, Richard John. Table of the statutes of the Dominion of Canada and the British North America act, 1867. 1887. 167p.

^{*} Indexes marked by an asterisk are not government publications but are included because they aid in the use of the statutes.

Catalogues and Indexes in Annual Volumes of Statutes

Acts of the Parliament of the Dominion of Canada [with reserved acts] 1867-[v.l-]

Index to criminal code. In v. for 1892, p. 501-511.

Index to imperial acts, 1867-1922. In v. for 1922, p.cli-cliii.

Index to private acts, 1867-1916. In v. for 1916, p. 1-89.

Index to proclamations, 1907-1922. In v. 1915-1922. v.p.

Each volume from 1915-1922 includes a cumulated index to proclamations from 1907 to the date of the current volume.

Table of provincial acts disallowed and bills reserved, 1867-1920.

In v. for 1922, pt.1, p.249.

Special Compilations of Statutes1

- Acts of the Legislatures of the provinces now comprised in the Dominion of Canada which are of a public nature and are not repealed by revised statutes of Canada for the reasons set forth in Schedule B to the said revised statutes. 1887. v.p.
- Act of the Parliament of the Dominion of Canada relating to criminal law, to procedure in criminal cases and to evidence... with marginal references to corresponding imperial acts. 1887. 439p.
- The criminal code and other selected statutes of Canada. 1928. 700p.
- The criminal code, 1892, 55-56 Victoria, chap. 29 together with an act to amend Canada temperance amendment act, 1888, being chapter 26 of the same session, 1893. 403p.
- War measures in Great Britain: legislation, proclamations, ordersin-council and acts passed in the fourth session of the twelfth Parliament of the Dominion of Canada. 1914. 48p.

^{1.} Single acts printed separately and compilations made by the arious governmental departments are not included in the special empilations made by order of Parliament. Many compilations have seen privately compiled.

Analysis of Material Included in Publications of Legislative Bodies

Subject Analysis

An adequate subject analysis of all the publications of the legislative bodies of the government of Canada would, in itself, fill a sizable volume, so cannot be attempted here, but a few general headings showing the trend of the subjects that are considered by these bodies may be helpful to students of Canadian documents.

Agriculture

Banks and banking

Charities, Public

Commerce

Communication

Currency, See, Money

Defence

Diplomacy

Disasters

Divorce

Economics

Education

Employment

Explorations Government

Health, Public

Holidays, National

Immigration and emigration

Improvements, Public

Indian affairs

Industries

International relations

Justice

Land, Public

Mines and mining

Money

Natural resources

Naturalization

keforms

Religious life

Tariff

Transportation

Welfare, Public

Form Analysis

The list that follows indicates the forms in which various subjects are published in legislative publications, as an aid in answering such questions as, "Where may proclamations be found?", etc.

Addresses

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

Journals of the Legislative Council ... 1841-1866. v.1-26.

Journals of the House of Commons ... 1867- v.1
Journals of the Senate ... 1867- v.1-

Assent to bills

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

Journals of the Legislative Council ... 1841-1866. v.1-26.

Journals of the House of Commons ... 1867- v.1
Journals of the Senate ... 1867- v.1-

Billsl

Debates of the House of Commons ... 1875- [v.1-]

Debates of the Senate ... 1871- [v.1-]

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

Journals of the Legislative Council ... 1841-1866. v.1-26.

Journals of the House of Commons ... 1867- v.1
Journals of the Senate ... 1867- v.1-

Budget Speech

Debates of the House of Commons ... 1875- [v.1-]
Journals of the House of Commons ... 1867- v.1-

^{1.} The text of the bills is not given, they are mentioned by title only. Bills are printed separately and may be purchased individually or by subscription for the session. See, Dept. of Printing and Stationery. Catalogue of official publications... Ottawa, King's Printer, 1927- v.1-

Debates

Debates of the House of Commons ... 1875- [v.1-]
Debates of the Senate ... 1871- [v.1-]

Despatches. See Messages

Messages

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

Journals of the Legislative Council ... 1841-1866. v.1-26.

Journals of the House of Commons ... 1867- v.1
Journals of the Senate ... 1867- v.1-

Petitions

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

Journals of the Legislative Council ... 1841-1866. v.1-26.

Journals of the House of Commons ... 1867- v.1
Journals of the Senate ... 1867- v.1-

Proclamations

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

Journals of the Legislative Council ... 1841-1866. v.1-26.

Journals of the House of Commons ... 1867- v.1
Journals of the Senate ... 1867- v.1-

Reports of Commissions, Departments, Institutions, Etc.

Journals of the Legislative Assembly ... 1841-1859. v.1-17.

Journals of the Legislative Council ... 1841-1859. v.1-17.

Sessional papers ... 1860-1866. v.19-26 in 42v.

Sessional papers ... 1867-1924. v.1-61 in 923v.

Annual departmental reports, 1925- [v.1-]

Reports of Committees

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

Journals of the Legislative Council ... 1541-1866. v.1-20.

Journals of the House of Commons ... 1867- v.1-

Journals of the Senate ... 1867- v.1-

Reports of the Library of Parliament

Journals of the Legislative Assembly ... 1842-1866. v.2-16. From 1847 to 1866 entered in index under Accounts and Papers.

Journals of the Legislative Council ... 1842-1864. v.2-14. Omitted from the Journals for 1865 and 1866.

Journals of the House of Commons ... 1867-1871. v.1-4.
After 1871 included occasionally.

Journals of the Senate ... 1867- v.1-

Sessional papers ... 1871-1924. v.1-61 in 923v. Occasionally they have not been printed.

Resolutions

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

Journals of the Legislative Council ... 1841-1866. v.1-26.

Journals of the House of Commons ... 1867- v.1-

Journals of the Senate ... 1867- v.1-

Returns

Journals of the Legislative Assembly ... 1841-1866. v.1-17.

Journals of the Legislative Council ... 1841-1866. v.1-17.

Sessional papers ... 1860-1866. v.19-26.in 42v.

Sessional papers ... 1867-1924. 61v. in 925v.

Speech from the Throne

Debates of the House of Commons ... 1875- [v.1-]

Debates of the Senate ... 1871- [v.1-]

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

Journals of the Legislative Council ... 1841-1866. v.1-26.

Journals of the House of Commons ... 1867- v.1
Journals of the Senate ... 1867- v.1-

Speech from the Throne, Address in reply to

Debates of the House of Commons ... 1875- [v.1-]

Debates of the Senate ... 1871- [v.1-]

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

Journals of the House of Commons ... 1867- v.1
Journals of the Senate ... 1867- v.1-

Bibliography

Burrell, Martin. Betwixt Heaven and Charing Cross. Toronto, Macmillan, 1928. 328p.

Includes an essay on "Hansard" p.263-276.

Canada. Department of Public Printing and Stationery. Annual reports, 1888- Ottawa, Queen's or King's Printer, 1888-

Canada. Department of Public Printing and Stationery. Catalogue of official publications of the Parliament and Government of Canada. Ottawa, King's Printer, 1928- [v.l-]

McGill University. Library. Card catalogue.

U.S. Library of Congress. Card catalogue. (Depository catalogue at McGill University Library.)

CHAPTER IV

The Judiciary of Canada

A bird's eye view of the development of the Judiciary of Canada has already been given in the chapter on Government organization, but a little amplification of its organization may lead to a better understanding of the publications that emanate from this source. At the present time it is organized as follows:

Supreme Court

Exchequer Court

Chief Justice Six puisne judges Registrar and Editor of Reports Reporter Civil Law Reporter

President One puisne judge Registrar and Editor of Reports Deputy Registrar and Reporter

Supreme Court

All judges of the Supreme Court must have been judges of a superior court or advocates or barristers of at least ten years standing in the courts of one of the provinces of Canada, and at least two judges must be appointed from the Province of quebec in order to provide an adequate understanding of the judicial system of that province, which is based on French practices.

The Registrar is appointed by the Governor-General during pleasure, and must be a barrister of at least five years standing. He has the rank of deputy head of a department, and is a member of both the Judiciary and the Department of Justice. He is charged by statute with the following duties:

- a. Managing and controlling clerical workb. Care of the Library and the purchase of books
- c. Editing and publishing the reports of the Court

^{1.} R.S., 1927, Chap. 35.

^{*} This report was not revised by a member of the Judiciary, as it was impossible to secure this cooperation. Valuable suggestions were given by a member of the Department of Justice.

The Sheriff of Carleton County, Ontario is, according to statute. 1 ex-officio Sheriff of the Court.

This Court sits three times a year, in February, May and October, and is empowered to make its own rulings.

Exchequer Court

This court deals with patents, trade marks and similar affairs, has an original jurisdiction in revenue cases concurrent with the provincial courts and to it alone belong cases against the Crown and petitions of right in the federal area.

The judges of the Exchequer Court, both the President and puisne judge, are appointed by the Governor-General, and must be barristers or advocates of at least ten years standing in one of the provinces of Canada. They hold office during good behavior and are removable only on an address of the Senate and the House of Commons.

The Registrar of the Exchequer Court is also appointed by the Governor-General, and must be a barrister of at least five years standing. He is charged with the duty of keeping the records of the Court.

This Court may sit where and when the need arises, and may make its own rulings except in admiralty cases, when they must be approved by the Governor in Council.

Court of Admiralty

In 1891 the Exchequer Court was created the Colonial Court of Admiralty for Canada, to replace the vice-admiralty courts which were imperial tribunals. It has jurisdiction in all cases of shipping, navigation, trade and commerce in tidal and non-tidal waters. The Dominion is divided into seven Admiralty Districts in charge of local judges and deputy judges appointed by the Governor in Council.

^{1.} R.S., 1927, Chap. 35.

The Judiciary is a highly paid body, and is held in great esteem, due to its high powers and responsibilities. The activities of its members are hedged about by carefully framed laws, to secure impartiality in the administration of justice.

Until 1875, when the present Judiciary was organized, there was no systematic reporting of federal court cases, though there are several manuscripts in the Public Archives that deal with the early administration of justice, and various reports and digests of the cases in the courts of Upper and Lower Canada have been published. With the organization of the present Judiciary, a system of reporting was provided for both the Supreme Court and the Exchequer Court, which has resulted in valuable series of reports, but the duty of publishing them has been assigned to the Department of Justice, and they appear in the list of the publications of that department. The Registrar of each court edits the reports of his court.

Bibliography

Canada and its provinces ... v.6. Toronto, Glasgow, brook and Co., 1914-1917. 23v.

Canadian almanac ... 1933. v.p., v.p., 1856?-[v.1-]

Revised statutes of Canada, 1886. Ottawa, Queen's Printer, 1887. 2v. Same. 1906. 4v.

Same. 1927. 5v.

CHAPTER V

Governor-General, Premier, Privy Council and Department or External Affairs

Since the functions of the Governor-General, the Fremier and the Privy Council for Canada are administrative or advisory, and the work of investigation and reporting is delegated to the departments, commissions, etc., it follows that the publications of the first mentioned are not numerous. There are, however, a few publications which emanate from each of the three which are as follows:

Note: Unless otherwise stated all publications listed are issued from Ottawa by the Queen's or King's Printer.

Governor-General

The public utterances of the Governor-General are usually addressed to Parliament, and are included in the publications of that body, others addressed to the general public are included in the Canada gazette or are issued as special publications. They appear in the following forms:

Messages

Messages are official information or opinions addressed to Parliament by the Governor-General from time to time as the need arises, and appear in the following publications:

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

Journals of the Legislative Council ... 1841-1866. v.1-26.

Journals of the House of Commons ... 1867- v.1
Journals of the Senate ... 1867- v.1-

Proclamations

Proclamations are the public notices issued by the Governor-General in regard to the summoning, proroguing and dissolving of Parliament and any other matters requiring official public notice.

They are included in the following publications:-

Canada gazette. 1841-1869. v.1-28.

Canada gazette. 1867- v.1-

Journals of the Legislative Assembly *... 1841-1866. v.1-26.

Journals of the Legislative Council*... 1841-1866. v.1-26.

Journals of the House of Commons*... 1867- v.1-

Journals of the Senate*... 1867- v.1-

Speech at the Close of Parliament

This speech may always be found in the following publications:

Debates of the House of Commons ... 1875- [v.1-]

Debates of the Senate ... 1871- [v.1-]

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

Journals of the Legislative Council ... 1841-1866. v.1-26.

Journals of the House of Commons ... 1867- v.1-

Journals of the Senate ... 1867- v.1-

Speech from the Throne

This speech is given at the opening of each session of Parliament, and outlines the governmental policy recommended by the Governor in Council, for the session just opened. It is included in the following publications:

Debates of the House of Commons ... 1875-[v.1-]

Debates of the Senate ... 1871- [v.1-]

Journals of the Legislative Assembly ... 1841-1866. v.1-26.

^{*} Proclamations that appear in publications marked by an asterisk include only those that concern Parliament.

Journals of the Legislative Council ... 1841-1866. v.1-26.

Journals of the House of Commons ... 1867- v.1-

Journals of the Senate ... 1867- v.1-

Special Publications

A limited number of special publications also emanate from the Governor-General, and are as follows:

Canada. Governor-General, 1846-1854 (James Bruce, 8th Earl of Elgin)

Condition and prospects of Canada in 1854. As portrayed in the despatches of the Right Honourable Earl of Elgin and Secretary of State for the Colonies. Quebec, Printed by S. Derbyshire and G. Desbarats, 1855. 83p.

Issued also in French.

Canada. Governor-General, 1883-1888 (Marquis of Lansdowne)

Correspondence relative to the fisheries question, 1885-87.

Presented to Farliament by order of His Excellency, the GovernorGeneral, 3rd May, 1887. 1887. 255p.

Premier

Canada. Prime Minister's Office

Correspondence relative a la rétrocession des resources naturelles de l'Alberta ... 1931. 6p.

Correspondence relative à la rétrocession des resources naturelles de la Saskatchewan ... 1931. 16p.

Natural resources of Alberta. Correspondence between the government of Canada and the government of the Province of Alberta... 1930-7p.

Issued also in French.

Natural resources of Saskatchewan. Correspondence between the government of Canada and the government of the Province of Saskatchewan... 1930. 28p.

Issued also in French.

Privy Council for Canada

Orders-in-Council

The Privy Council for Canada is empowered to pass orders-in-

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council, on certain subjects and under certain circumstances, that have the force of law. In actual practice they are passed by the Cabinet only. They are presented to the public in the following publications:-

Canada gazette. 1841-1869. v.1-28.

Canada gazette. 1867- v.1-

Consolidated orders-in-council of Canada. 1889. 1126p.

Acts of the Parliament of the Dominion of Canada, 1875- 1867- v.1-

Special Publications

... Correspondence. Orders-in-council and despatches in connection with the negotiation of a treaty between Great Eritain and the United States for the definition and demarcation of international boundary between Canada and the United States. 1908. 37p.

Proceedings in the Manitoba school case heard before Her Majesty's Privy Council for Canada, February 26th to March 7th, 1895. 1895.

Réglements faits depuis la derniere session du Parlement sous l'empire de la Loi d'établissement de soldats, 1919... [1928]. 3p.

Regulations made by order-in-council 2nd July, 1929 under the Opium and narcotic drug act. Issued by the Department of Pensions and National Health, Canada. [1929]. 8p.

Issued also in French.

Bibliography

Canada and 1ts provinces... v.6. Toronto, Glasgow, Brook and Co. 1914-1917. 23v.

Kennedy, William Faul McClure. The constitution of Canada... Lond. Oxford Univ. Press, 1922. 519p.

List of serial publications of foreign governments 1815-1931.

Edited by Winifred Gregory. N.Y. H.W. Wilson, 1932. 720p.

Revised statutes of Canada, 1927. Ottawa, King's Printer, 1927. 5v.

Department of External Affairs

History and Function

The Department of External Affairs was constituted in May. 19091 to administer all Canadian government affairs with foreign countries and with other parts of the Empire. Previous to this time such affairs had been communicated by despatch to the Governor-General who transmitted them to the Cabinet. The government department involved, was then asked to furnish the required information and the reply was returned to the Governor-General by way of the Cabinet. Under this arrangement there was no central place where the information thus secured might be filed for future reference. The Department of External Affairs was constituted to meet this need, and was temporarily placed under the administration of the Secretary of State, but since 1912 has been administered by the Prime Minister. who was given the added title of Secretary of State for External Affairs. Until 1927 despatches were sent to the Governor-General Who transmitted them to the Department of External Affairs. Since that date they are sent directly to the Secretary of State for External Affairs.

This department is the channel of communication between the Dominion Government and all representatives of other governments who are resident in Canada, including the British High Commissioner, who was appointed in 1928 as the representative of the British Government in Canada, to replace the Governor-General who in 1927 became the personal representative of the Crown, rather than that of the British Government. Countries having no official resident

^{1. 8-9} Edward VII, Chap. 13; 2 Geo. V, Chap. 22; 4-5 Geo. V, Chap. 5.

representatives in Canada communicate with the Department through the British Foreign Office, except in cases not of general or political concern, when they may deal directly with the Department.

The diplomatic and consular service of Canada and all Canadian foreign offices are under the jurisdiction of this department. This, at first, included only two representatives abroad, the High Commissioner for Canada in Great Britain and the Agent-General in France, who in 1911 was made the Commissioner-General, but due to the growth of autonomy and the rapid expansion of foreign trade, Canadian legations were established at Paris and Washington in 1927, and at Tokyo in 1929. In 1925 a Canadian Advisory Officer was appointed with an office at Geneva, to deal with Canadian affairs in relation to the League of Nations. In countries where Canada has no resident representative, her interests are served by the British diplomatic and consular service or by her own Trade Commissioners who are under the Trade and Commerce Department.

Additional duties of the Department are the issuing of pass-ports to foreign countries, participation and representation of Canada in imperial and international conferences and in the League of Nations, the negotiation and ratification of treaties and the settlement of a wide range of questions arising between Canada and other countries, such as extradition proceedings, fishery disputes, boundary questions, etc. Since 1914 the Secretary of State for External Affairs authorizes all appointments and expenditures for the International Joint Commission.

Organization

The Department is organized as follows:

Secretary of State for External Affairs
Under-Secretary of State for External Affairs
Assistant Under-Secretary of State for External Affairs
Chief Clerk
Counsellor
Legal Adviser
Secretarial Staff

Publications of the Department of External Affairs

Note: Unless otherwise stated all publications are issued from Ottawa by the King's Printer.

Canada. External Affairs, Dept. of

Serials

Annual report of the Secretary of State for External Affairs. 1910- [v.1-]

Issued also in <u>Sessional papers</u>, 1910-1924 and in <u>Annual departmental reports</u>, 1925-Includes the report of the Under-Secretary of State for External

Includes the report of the Under-Secretary of State for Externa. Affairs who reports on treaties, conventions, international conferences, offices abroad, etc., and gives the following lists: Canadian representatives abroad

Representatives in Canada of His Majesty's Government in the United Kingdom

Diplomatic representatives in Canada

Alphabetical list of consuls, vice-consuls and consular agents in the Dominion

From 1910-1916 a list of the passports issued was included.

Annual report of the Canadian delegates to the Assembly of the League of Nations. 1922- [v.1-]

List of British and foreign government representatives in Canada. 1928- [v.1-]

Semi-annual, April and October, 1928-1932; annual, 1933- Issued in July.

Treaty series. 1928- v.1-

A numbered series of pamphlets that includes the text of treaties agreements and notes exchanged between Canada and other governments A classified index is issued annually.

Special Publications

Correspondence relating to the diversion of the waters of the Great Lakes by the Sanitary District of Chicago. (From March 27, 1912 to October 17, 1927) 1928. 70p.

Issued also as Sessional paper, 1927 no.227.

Proposals for a multilateral pact for the renunciation of war... 1928. 26p.

St. Lawrence waterway project.

1. Correspondence between the governments of Canada and the United States, 1927-1928.

2. Report of the Canadian National Advisory Committee, January, 1928 and observations thereupon by certain of its members. 3. Orders-in-council referring to the Supreme Court of Canada certain questions as to water power rights of the Dominion and the provinces. 1928. 32p.

Issued also in French.

Treaties and agreements affecting Canada in force between His Majesty and the united States of America, with subsidiary documents, 1814-1913., 1915. 301p.

Reprinted in 1915.

Treaties and agreements affecting Canada between His Majesty and the United States of America, with subsidiary documents, 1914-1925... 1927. 578p.

Bibliography

- Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co. 1913-1917. 23v.
- Canada. Dept. of External Affairs. Annual report of the Secretary of State for External Affairs. Ottawa, King's Printer, 1910-
- Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906-[v.l-]
- Canadian almanac... 1933. v.p., v.p., 1856 (?) [v.1-]
- List of the serial publications of foreign governments, 1815-1931. Edited by Winifred Gregory. N.Y., H.W. Wilson, 1932. 720p.

CHAPTER VI

DEPARTMENT OF THE SECRETARY OF STATE THE PUBLIC ARCHIVES OF CANADA DEPARTMENT OF PUBLIC PRINTING AND STATIONERY CIVIL SERVICE COMMISSION

DEPARTMENT OF THE SECRETARY OF STATE

History and Functions

The Department if the Secretary of State was established by act of Parliament in 1868. This act provided for the appointment by the Governor General of a Secretary of State and an Under-Secretary of State, both to hold office during pleasure, and such other officers and agents as should from time to time be necessary. The Secretary of State has always been the custodian of the Great Seal, which is affixed to such documents as commissions, proclamations, writs, letters patent, etc., and of the Privy Seal which is affixed to lesser documents. He is the official mouthpiece of the Government of Canada and also the channel by which the public may approach the Crown. Until 1873 there was also a Secretary of State for the Provinces, but at this date the duties of the latter were divided between the Department of State and the Department of the Interior, and the office of the Secretary of State for the Provinces disappeared.

The specific duties assigned to the Secretary of State by the act of 1868 were the care of all state correspondence and the custody of records and papers not specifically assigned to other departments; the registration of all documents issued under the Great Seal; the administration of Indian affairs; the care of ordnance lands and such other duties as might from time to time be assigned. This last clause

^{1. 32} Vict., Cap. 42.

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has been so liberally interpreted that it seems necessary to name these duties in chronological order, together with a statement of the inclusive years during which they were administered by this department, in order to tell during what periods information may be secured on given subjects.

1868- Correspondence and Records

State correspondence and the custody of records have always been the main functions of the Department. Since 1909, however, that part of the state correspondence having to do with external relations has been under the Department of External Affairs, established in that year. The state correspondence, therefore, now in the charge of the Secretary of State of Canada has to do almost entirely with official concerns within the Dominion. This correspondence and all other records have been carefully filed since the establishment of the Department. The division in charge of this work has been variously designated as the work of the Secretary proper, as the Bureau of Records, as the Records Branch and as the Correspondence Branch.

In 1903 all records prior to Confederation were transferred to the Department of Public Archives.

1868- Registration Branch

The Secretary of State is the Registrar-General of Canada and in this department are registered all instruments and documents issued under the Great Seal, such as writs, commissions to office, etc. This work has continued from the establishment of the Department until the present time.

1868-1869, Indian Affairs Branch

This important and interesting branch continued under the Secretary of State for only two years when it was transferred to the

Secretary of State for the Provinces, and from thence, in 1873, to the Department of the Interior. During this short period the Department of State dealt with every phase of Indian affairs from the supervision of Indian lands to the development of agriculture and education among the Indians. The Secretary of State was also Superintendent of Indian Affairs.

1868-1873, Ordnance Lands Branch

The Ordnance lands became the property of Canada by the Ordnance transfer act of 1856, and in 1868 were assigned to the administration of the Secretary of State. In 1873 these lands, with practically all other dominion lands, were placed under the Department of the Interior. While under the Department of State, the chief duty of the Department was the selling of all lands not needed for military purposes. The records of such sales were included in the annual reports of the Department.

1869- Companies Act

Under the various statutes that have governed the incorporation of companies, the Secretary of State has always been responsible for this function, but it is not until after the <u>Joint stock companies act</u> of 1877 that any mention is made of it in the annual report of the State Department. From 1877-1881 the report includes a mere statement of fees collected under this act, but from 1882 to the present time a report of ever increasing detail is included. At the present time the following items are given: name of company, location of head office, capital stock, objects. The administration of this act has grown to be one of the major functions of the Department of the Secretary of

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State. A solicitor is in charge of the Companies Branch; 1865-1886, Queen's Printer

The Queen's Printer was placed under the supervision of the Secretary of State from the creation of this office in 1869 to 1886, when the Department of Public Printing and Stationery was established. Though operating from this date on as a separate department, the Secretary of State has been the Minister in charge, except during the period 1921-1926 when the Department was under the Minister of Labour. From 1869-1886 a statement of the government printing done during the year was included in the report of the Secretary of State.

1869-1873, Estate of the Bank of Upper Canada

The administration of the Estate of the Bank of Upper Canada was assigned to the Secretary of State. The work consisted chiefly of the sale of the land belonging to the Estate and of the reporting of these sales. This work was accomplished in the years 1869-1873. 1871-1873, Dominion Lands Branch

This Branch of the Department was organized in 1871 to care for the North-West Territories which were acquired by the Dominion at this time, and assigned to the Department of the Secretary of State. The work consisted chiefly of making surveys of the territory and reporting thereon. The head of the branch was called the Surveyor-General. In 1873 this land was placed under the supervision of the Department of the Interior.

1873-1886, Stationery Branch

The administration of the Stationery Branch was assigned to the Secretary of State in 1873 and remained with this department until the

organization, in 1836, of the Department of Public Printing and Stationery. From 1873-1886, the report of the Clerk of Stationery was included in the annual reports of the Department of State, and consisted of a statement of the stationery supplied to each department of the Government.

1876-1879, Northwest Mounted Police

In 1876 the supervision of the Mounted Police was transferred from the Department of Justice to that of the Secretary of State, where it remained until 1879. The reports of this division, which for the period indicated are included as appendices to the reports of the Secretary of State, are very full and throw considerable light on national life at this time.

1874- Boards of Trade Act

The Boards of trade act has been administered by the State Department since it was first passed in 1874. For some years the work of the State Department in administering this act consisted in recording the certificates of formation sent in by each newly organized board, the name adopted, the location and the secretary of the organization. By an amendment passed in 1920, all boards are required to make annual returns to the Secretary of State which are filed in the Correspondence Branch of the Department.

1879- Canada Temperance Act

Though the Secretary of State has administered this act since it was passed in 1878, no mention of it is made in the annual reports of the department until 1885. The greatest activity in this connection was in the years 1884 and 1885. Since 1885 the number of elections held under this act has been reported each year.

1881-1897, Electoral Franchise Act

This act was administered by the Secretary of State from 18811897, but a report of its administration appears in the annual reports
of the Department from 1893-1897 only. It was later placed in
charge of the Clerk of the Crown in Chancery, and since 1920 has
been in the hands of the Chief Electoral Office. The report consists
of a list of the officers appointed under the act.

1882-1908, Civil Service

The Civil Service act of 1882 required that the Secretary of State present annually to Parliament the proceedings of the Board of Examiners for the Civil Service. This report was first published in 1883, and consisted of a list of examinations held and appointments made. The report was continued to 1908 when it was replaced by the report of the Civil Service Commission which was constituted in that year.

1899- Ticket of Leave Act

This act is administered jointly by the Department of Justice and the Department of the Secretary of State. Petitions for "Ticket-of-Leave" are presented to the Governor-General through the Secretary of State, and the replies thereto are returned by the same channel. A report of this activity of the Department has been included in its annual reports only since 1921, and usually consists of a statement of the number of such petitions granted, which statement comes under the report of the Correspondence Branch.

1902- Naturalization Act

The Naturalization act of 1902 required that returns of naturalizations granted by any court should be sent to the Secretary of State to be recorded. The Naturalization act of 1914 places the administration of naturalization under this department, and from this time on it has been one of the major functions of the Department. It follows then that information concerning naturalization may be secured from the Department of the Secretary of State from 1902 to date. A solicitor is in charge of the Naturalization Branch.

1904- Library of Reference

With the removal, in 1903, of all documents prior to Confederation, from this department to the Department of Public Archives, the office of Keeper of Records was absorbed into that of Archivist, and the branch in charge of the remaining documents was designated the Library of Reference. Here all documents of the department are classified and filed. A brief report of this work was included in the annual departmental report from 1904-1917. The annual report of the Department, 1931-1932, during which time the Library was card-indexed and reclassified, contains a statement respecting the Library.

1872- Trade Unions Act

In 1872 this act was assigned for administration to the Registrar-General (Secretary of State), and since that time the organization of trade unions has been duly reported in

each annual report of this department.

1913- Public Archives1

In 1912 the administration of this department was transferred from the Department of Agriculture to that of the Secretary of State. An officer called The Dominion Archivist, with the rank of deputy minister, is in direct charge. The Archives functions as a separate unit of the Service, the Secretary of State being the ministerial head.

1917-1927, War Charities Act

This act required that all societies organized for the purpose of war charities should be registered by the Secretary of State, and should make annual returns to him concerning their work. The number of these societies naturally decreased with the years, and the act was repealed in 1927.

1919-1923, Bankruptcy Act

The Bankruptcy act of 1919 was administered by the Secretary of State until 1921, when it was assigned to the Department of Justice, with the exception of the appointment of authorized trustees of bankrupt concerns, which was still the duty of the Secretary of State. An amendment in 1923 empowered creditors to appoint trustees, so that the act passed entirely out of the hands of the State Department. From 1921-1923 a list of the trustees appointed appeared in the annual report of the State Department.

^{1.} For a detailed report of this department, see p. 83-98.

1927- Timber Marking Act

The Secretary of State has administered this act since
1927. The duty of administration consists in examining previous
registration marks adopted by dealers in timber to see if
there is duplication, before a new timber mark is registered.

1927- Copyright Act

This act has been administered by the State Department since 1927, and the report, which consists of a statement of the number of copyrights issued under the Great Seal, appears as an appendix to the report of the Patent Office, which is also under the supervision of the Secretary of State.

1927- Patent Act

This act has been administered by the State Department since 1927, and the annual report of the activities of the Patent Office appears immediately after the reports of the various branches of the Department of State. This report consists of a general statement of the activities of the Patent Office, followed by appendices giving lists of trade marks, copyrights and patents issued during each year.

1927- Trade Mark and Design Act

This act has been administered by the State Department since 1927, and a statement of the trade marks registered has appeared as an appendix to the reports of the Patent Office since 1928. The Unfair competition act, 1932, supersedes the trade mark provision of this act.

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Present Organization of the Department of the Secretary of State

The major functions of the Department have not altered much since its establishment in 1868, although it has been shown that the acts administered have varied greatly. The Secretary of State is still the representative of the government in affairs of state, custodian of the Great Seal and of the Privy Seal, the channel of communication between the Dominion and the provinces, the Crown and the people, as well as being charged with state correspondence, other than that relating to external affairs and records.

The work of the Department is assigned to the following branches:

Companies Branch Correspondence Branch Naturalization Branch Registrar's Branch

In addition the Secretary of State is Minister over the following departments and offices:

Department of Public Printing and Stationery Public Archives Office of the Gustodian of Enemy Property Patent and Copyright Office Civil Service Commission

The acts administered by the Department at present are:

Boards of trade act Canada temperance act Companies act Copyright act Naturalization act

Patent act
Ticket of leave act
Timber marking act
Trade mark and design act
Trade unions act
Unfair competition act

Publications of the Department of the Secretary of State

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

Canada. Secretary of State, Dept. of

Serials

Civil service list ... 1885-1918. v.

Issued also in French.

Report of the Secretary of State ... 1869- [v.l-]

Bound with Sessional papers 1869-1924.
Bound with Annual departmental reports, 1925Issued separately also.
The subjects covered vary from year to year, see history of the Department p. 70-78.
The following lists have been included at various period:
Addresses and orders of Parliament, 1881-1917
Civil service list, 1882-1900
Aliens naturalized, 1921Boards of trade, 1904Commissions to public offices, 1893Consular appointments, 1897-1909.
Passports issued, 1897-1909
Synopses of letters patent, 1882Synopses of returns to orders and addresses, 1881-1917
Trade unions registered, 1907-

Special Publications

... Agreement between New South Wales and the Eastern
Extension Company and further correspondence with reference
to the Pacific cable. 1901. 486p.

Issued also as Sessional paper no.59, 1901.

The arms of Canada. 1921. 14p. pl.

Same, 2nd ed. 1923. 15p. pl.

Same, 3rd ed. 1930. 15p. pl.

Boards of trade. Lists of boards of trade in the Dominion of Canada registered in the Department of the Secretary of State... [1928]. 5p.

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- Company capitalization control. Report upon existing legislation in Canada and elsewhere... 1913. 518p.
- Copies of proclamations, orders-in-council and documents relating to the European War... 1915. 209+142p.
 - Supplements, 1-4, 1915-1917. 4v. Issued also in French.
- Correspondence and negotiations connected with the affrirs of Nova Scotia. Laid before Parliament by command of His Excellency the Governor-General... 1869. 71p.
- Correspondence relating to the Fenian invasion and the rebellion of the southern states... 1869. 176p.
- Documents relating to extradition procedure, 1923. 52p.
- Documents relating to the proposed Pacific cable. 1899. Sp.
- Epitome of the parliamentary assuments in connection with the North-West Rebellion, 1885... 1886. 389p.

Issued also in French.

- Information respecting incorporation of companies. ?1 ?1
- The Intercolonial Railway. The genesis of its bridges, with the official documents laid before Parliament. 1875. 41p.
- List of companies incorporated under the various companies acts of the Parliament of Canada, 1867 to December 31st, 1913. 1916. 482p.
- Eethods of conducting correspondence between the dominion and provincial governments. 1920. 9p.
- Regulations and despatches respecting extradition proceedings. 1917. 77p.
- Regulations respecting applications under the Dominion companies act... 1916. 23p.
- Report on the constitution of the Dominion of Canada, prepared for presentation to the Imperial Parliament by the Honourabl Joseph Adolphe Chapleau... Secretary of State of Canada. 1891. 12p.

^{1.} Items marked by ? are unknown because the publications is not available for examination.

- Statement of claims made on the Dominion Government consequent upon the insurrection in the North-West Territories. Ottawa, I.B. Taylor, 1871. 57p.
- Trials in connection with the North-West Rebellion, 1885... 1886. 108p.

Catalogues and Indexes

There are no general catalogues or indexes to the publications of the Dept. of the Secretary of State.

Bibliography

- Canada. Secretary of State, Dept. of. Report of the Secretary of State of Canada. Ottawa, 1869- [v.1-]
- Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co. 1914-1917. 23v.
- Canada year book, 2nd ser. 1913- Ottawa, King's Printer, 1906-
- Canadian almanac ... 1932. v.p., v.p., 1856?- gv.l-1
- List of the serial publications of foreign governments, 1815-1931. Edited by Winifred Gregory. N.Y., H.W. Wilson Co., 1932. 720p.

The Public Archives of Canada

History

Canada as a nation was early awake to the importance of preserving her official and historical documents, as is evidenced by such early attempts at preservation as the suggestion of Gilles Hocquart, an Intendant of New France in 1731, that notarial deeds and the registers of the Superior Council should be housed in a fire-proof building. Nothing seems to have come of this suggestion, however. but in 1787 Lord Dorchester appointed a commission to survey the archives of Quebec. The report of this commission, in 1791, presents an inventory of the principal archives of the French régime. An important private attempt at collecting Canadian documents was that of Georges Barthélémi Faribault, who in 1852 brought over from France a collection of historical documents which was housed in the Library of Parliament. Copies of old maps at the Dépôt des Fortifications of France were also brought to Canada in 1854, and these collections, with those in the various governmental departments and the archives of the provinces, formed the nucleus of a valuable collection, long before the Department of Public Archives came into existence.

The inaccessibility of these collections to students of history, added to the fire hazard, led to a petition to Parliament in 1871 for more adequate care and housing of Canadian archives. The result was the appropration of \$4000.00 for the care of such material. The administration of this undertaking was assigned to the Minister of Agriculture, under whose authority the Archives Branch continued until 1912, when it passed to the Privy Council. In 1913 it was assigned

^{1.} Index to reports of Canadian Archives from 1872-1908, p.iii. Ottawa, King's Printer, 1909. xi+23lp.

to the Secretary of State where it has remained up to the present time. In 1912 it was given the official designation of the Public Archives of Canada. The first Archivist appointed held this office from 1872 until his death in 1902. In 1904, the present incumbent, was appointed, and in 1912 was given the rank of deputy minister.

Further outstanding events in the history of the Archives are the erection in 1906 of a commodious building for the housing of the archives; the creation in 1907 of the Historical manuscripts Commission, composed of historical scholars to act in an advisory capacity in shaping the policy of the department and the addition 1925 of a new wing, almost equal in size to the original building.

Function of the Public Archives

It is the function of the Public Archives to collect, arrange classify and record historic documents and other objects of historinterest, and to make them available to students in this field. The collection has been formed by transferring to the Archives certain government records and files, the most important of which are: the Governor-General's state papers, the military papers from 1770-1867 the minute books of the various executive and legislative councils from 1761-1867 and the correspondence and papers of the Civil Secretary and Lieutenant Governors. It has been increased by transcribing public records in England, France and the United States, as also the documents having to do with Canada that are in the Biblio thèque Nationale and the British Museum Library, as well as many i private collections. From the last named it has sometimes been possible to secure the original documents.

^{1. 2} Geo. V, Chap. 4.

Since 1905 a permanent member of the archives staff with offices in London, has been in charge of all work of this sort done overseas. Canadian History Societies, for the purpose of collecting such material have been organized in England and France, in 1923 and 1924 respectively, and have been of considerable assistance to the archives. The members are descendants of families connected with the history of Canada, and are thus in a position to come in contact with the sources of such documents.

Organization of the Public Archives

The work of the Fublic Archives is supervised by the following staff:

Dominion Archivist Chief French Archivist

Archivist, Grade 1 Archivist, Grade 2

The resident work is assigned to various divisions as follows:

Manuscript Division
Map Division
Classification, Indexing and
Information Division

Print Division1
Bindery Division
Photographic Division
Restoration Division

Classification, Indexing and Information Division

The work of this division consists of the classification of all papers collected, the indexing of all material in the archives and of historical researches in the service of the government and of historical workers.

Map Division

The collection in this division in 1929 exceeded 30,000. The

^{1.} Formerly called Historical Research and Publicity Livision.

work includes the classification, cataloguing and indexing of maps in the Archives, and also those relating to Canada that are located in other centres, such as the archives and government departments of the provinces, and the Department of Railways and Canals of the Federal Government, as well as assistance to research workers in historical fields by means of locating maps or making photostat copies of them.

Manuscript Division

This division cares for all manuscripts that are collected in the Archives. The work consists of arranging, classifying, indexing and publishing such manuscripts.

Print Division 1

This division has a collection of more than 25,000 prints, paintings, engravings, water-colors, lithographs, sketches and photographs to which it is adding continuously. The work consists of caring for and arranging this collection and of making photographs and lantern slides.

Library Division

The Library Division takes charge of loans from the Library, catalogues library material and makes bibliographies and special catalogues, such as the Catalogue of pamphlets from 1493-1877.

Photographic Division

This division executes the photographic work requested by the other divisions of the Archives, such as photostat copies, plate and prints from plates, for the public service.

^{1.} Formerly called Historical Research and Publicity Division.

Restoration Division

This division restores paintings, lithographs, picture frames, etc., and is responsible for the maintenance of the exhibition rooms.

Resources of the Public Archives

An idea of the resources of the Public Archives can best be presented by quoting from the little book by pr. A.G. Doughty, Dominion Archivist, The Canadian Archives and its activities. On p. 83-88 a list of the more important collections is given, but it must be remembered that this was published in 1924, and that much valuable material has since been acquired. This list is quoted below.

Material in the Public Archives

"In the Public Archives of Canada there are many collections of public and private documents covering the whole field of Canadian history, in all, over 25,000 volumes!

A brief indication of the different series of documents is here given. Further details may be obtained from the calendars and guides published by the Department.

FRENCH PERIOD

Archives des Colonies:

Series A. Orders from the King. 1670-1763.

Series B. Official Correspondence from the King and Ministers,

Series CII. Official Correspondence of the Governors and Intendants. 1575-1818.

Series Cl2A. Official Correspondence from the Governors and Officials of St. Pierre and Miquelon. 1763-1844.

^{1.} This number has been enlarged to 100,000 at the present date (1932)

Series Cl2B. Official Correspondence from France to St. Pierre and Miquelon. 1763-1792.

Series D2C. Documents relating to colonial troops. 1627-1780.

Series E. Colonial Personnel.

Series FlA. Colonial Finance. 1670-1762.

Series F3. Moreau de St. Méry Collection of Documents. 1548-1791.

Series F5A. Missions.

Series Gl. Census and Civil Registers.

Archives de la Marine:

Series Bl. Decisions of the Conseil de la Marine. 1715-1869.

Series B2. Official Correspondence to port officials. 1662-1790.

Series B3. Official Correspondence to the department of Marine.

Series B4. Campaigns. 1671-1829.

Series C. Personnel.

Ministère de la Guerre:

Correspondence and records.

Ministère des Affaires Etrangeres:

Memoirs and documents relating to America and England. 1518-1823

Folitical correspondence relating to England and the United State 1625-1783.

Ministère des Colonies

Dépot des Fortifications: Papers and plans. 1665-1788.

Archives Nationales:

Series E. Decision of the King's Councils.

Series Fl2. Commerce and industry. 1700-1791.

Series F15. Hospitals. Papers relating to Acadians.

Series F50. Shipping and commerce.

Series K. Miscellaneous.

Series M. Miscellaneous.

Series S. Papers relating to the Séminaire du Saint Esprit.

Series T. Bigot's administration.

Series V. Letters Patent and warrants.

Series Y. Notarial deeds.

Bibliothèque Nationale:

Fonds Français.

Nouvelles Acquisitions. Arnoul's papers.

Collection Clairambault.

Mélanges Colbert.

Bibliothèque de l'Arsenal

Archives de la Bastille.

Bibliothèque Mazarine:

History of Montreal, by Dollier de Casson.

Rochefort Archives:

Official Correspondence to the port officials.

Ordinances of the Intendants of New France. 1705-1760.

Cahiers d'intendance. 1623-1725.

Registres d'intendance: land grants. 1672-1759.

Actes de Foy et Hommage. 1667-1857.

Papier Terrier. Censive du Domaine du Roy. 1723-1832.

Aveux et dénombrements. 1723-1781.

Judgments and Deliberations of the Sovereign Council. 1717-1741.

Insinuations of the Sovereign Council. 1663-1758.

Bigot Letters.

Bougainville Papers.

Bourlamaque Collection.

Cadillac Papers.

Caron Papers.

Church Registers.

Denis de Bonaventure Papærs.

Dumas Papers.

Franquet Voyages.
Johnstone Memoirs.

Taffantaina Domano

Lafontaine Papers.

Maisonneuve Papers.

Montcalm Letters.

Notarial Repertories.

Papineau Papers.

Pause Papers. (Chevalier de la).

Perrault Letters.

Pichon Papers.

Radisson Travels.

Saint Sulpice Papers.

Salaberry Papers.

Tronson Letters.

(Smaller collections and individual papers are not mentioned here.)

BRITISH PERIOD

Series C. Military records. 1786-1870.

Series E. Minutes of the Legislative and Executive Councils of Lower and Upper Canada. 1764-1867.

Series G. Despatches from the Secretary of State with drafts of replies 1786-1867.

Series 8. Correspondence and records of the divil secretaries to the Governors of Quebec and Ontario. 1760-1867.

Department of Indian Affairs. Correspondence and records. 1722-1867.

Department of Militia and Defence. Records. 1812-1867.

Privy Council Papers.

British Museum:

Bouquet Papers. 1756-1765.

Haldimand Papers. 1756-1790.

Additional manuscripts. Miscellaneous.

Church Brief.

Cotton Collection. Mainly about Newfoundland.

Egerton Manuscripts. Nova Scotia and Newfoundland.

Hargrave Manuscripts. Hudson's Bay Company.

Harleian Collection.

King's Manuscripts. American Colonies.

Lansdowne Manuscripts. English and French claims.

Royal Manuscripts.

Sloane Manuscripts.

Stowe Manuscripts.

Public Record Office:

- C.O. 1. Official Correspondence and papers to the Board of Trade. 1574-1692.
- Official Correspondence and papers to the Board of Trade and Secretary of State. 1689-1784.
- C.O. 6. British North America Boundary. 1816-1850.
- C.O. 42. (Known in Canada as Q. Series). Official Correspondence between Canada and England. 1689-1841.
- C.O. 158. New Brunswick State Papers. 1784-1840.
- C.O. 217. Nova Scotia State Papers. 1603-1840. Cape Breton State Papers. 1784-1819.
- C.O. 226. Prince Edward Island State Papers. 1763-1840.

Admiralty:

Admiralty Secretary. In letters. Out letters.

War Office:

In letters and Headquarters records.

State Papers. Foreign:

France. -- Treaty Papers. Chatham Papers.

Askin Collection. Correspondence and papers. 1774-1861.

Bagot Papers. American and Russian correspondence. Letters and papers. 1816-1842.

Bancroft Collection. Pacific coast material.

Bathurst Collection. Letters. 1807-1815.

Bowell. Letters of Sir Mackenzie Bowell. 1870-1905.

Bulger. Indian and trade papers. 1810-1870.

Bridges! Diaries. 1806-1811.

Chatham Manuscripts. 1756-1792.

Claus Collection. Family and Indian papers. 1716-1829.

Cowan Diaries. 1856-1867.

Dalhousie Papers. 1818-1833.

Dartmouth Papers. 1688-1798.

Delancy Robinson Papers. Papers and letters. (New Brunswick), 1825-1840.

Dewdney Collection. North West Rebellion, 1885.

Dorchester Manuscripts. American War of Independence. 1775-1783.

Durham Papers. 1837-1844.

Fleming Papers. (Sir Sandford). 1827-1913.

Howe Papers. 1804-1873.

Hudson's Bay Company Papers.

Inglis. Correspondence and Journals of Bishop. 1775-1849.

Jarvis Letters. 1792-1840.

Johnston Papers relating to Joseph Howe. 1804-1812.

Lawrence Collection. North West boundary and New Brunswick. 1796-1843.

Lowe. Letters and papers of John Lowe. 1850-1911.

Macdonald. Letter and papers of Sir John A. Macdonald.

Macdonell. Baldoon settlement. 1805-1819.

McGillivray. Highland Society of Canada. 1818-1850.

Maconochie Welwood. Papers relating to Fort St. John's, Que. 1775.

Masson Collection. North West Company. 1801-1821.

Merritt Papers. Welland Canal. 1816-1868.

Moravian Mission. Labrador. 1752-1778.

Murray Papers. Journals and letters of Governor Murray.

Neilson Collection. 1794-1814.

Northcliffe Collection. Letters and papers of Monckton, Wolfe and Montcalm. 1726-1782.

Post Office Records. England.

Raymond Papers. New Brunswick boundary. 1797-1840.

Selkirk Papers. Red River Settlement. Prince Edward Island. Personal Papers.

Shelburne Manuscripts.

Simcoe Papers.

Society for the Propagation of the Gospel.

Trinity House, Quebec. Minutes.

Wolfe Manuscripts.

(Smaller collections and individual papers are not given here.)

MAPS

In this division there are over 20,000 maps, plans and charts, originals and copies. The earliest map bears the date 1500.

Prints

The collection consists of engravings, water colours, portraits and views. Over 15,000 have already been catalogued.

Library

The Library contains over 30,000 books relating exclusively to Canadian history. To it is attached a pamphlet division containing over 4,000 pamphlets from 1600 to 1867, and a large number from 1867 to the present time. There is also a collection of early newspapers, including the first hundred years of the Quebec Gazette. "

Publications of the Public Archives

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

Canada. Archives, Public

Serials

Report of the Public Archives. 1873- [v.1-]

Reports from 1872-80 issued as appendices to reports of the Minister of Agriculture.

In Sessional papers, 1873-1924.
Issued separately also, 1883In Annual departmental reports, 1925No reports issued in 1906, 1907, 1911, 1916 and 1927; report
for 1917 included with report for 1918.
Title of report varies

Title of report varies.

Early reports were more detailed than later reports, which include only a brief routine report of the Archivist, a brief report of each division and a list of accessions for the year.

Reports on the collection of archives in Europe appear as follows:

1874, as appendix to Report of the Minister of Agriculture. 1899, as supplement to the Report on Canadian Archives.

Numbered Series. 1909- no.1-

*1. Index to reports of the Canadian Archives from 1872 to 1908. 1909. 231p.

A French edition was published in 1910.

*2. Inventory of the military documents in the Canadian Archives, prepared by Lieut. Col. [Ernest Alexander] Cruikshank. 1910. 370p.

A French edition was published in 1911.

 Journal of Larocque from the assimibatine to the Yellowstone, 1805. Edited with notes by L[awrence] J[ohnstone] Burpee. 1910. 82p.

A French edition was published in 1910.

4. Journal of the Yukon, 1847-48, by Alexander Hunter Murray.
Edited with notes by L[awrence] J[ohnstone] Burpee. 1910.
125p.

A French edition was published in 1910.

5. The precursors of Jacques Cartier, 1497-1534. A collection of documents relating to the early history of the Dominion of Canada. Edited by H[enry] P[ercival] Biggar. 1911. 213p.

A French edition was published in 1911.

 Rapport sur les archives de France relatives à l'histoire du Canada, par J[oseph] Edmond Roy. 1911. 1093p.

No English edition was published.

Documents relating to the invasion of Canada and the surrender
of Detroit, 1812. Selected and edited by Lieut. Col. E[rnest]
A[lexander] Cruikshank. 1912. 269p.

No French edition was published.

*8. Catalogue of maps, plans and charts in the map room of the Dominion Archives. Classified and indexed by H[ensley] R. Holmden. 1912. 685p.

A French edition was published in 1912.

^{*} Catalogues and indexes are marked by an asterisk as an aid to finding them in the general list.

9. The Canadian North-West; its early development and legislative records; minutes of the councils of the Red River colony and the northern department of Rupert's Land. Edited by Professor E[dmund] H[enry] Oliver of the University of Saskatchewan. 1914. 2v.

A French edition was published in 1912.

*10. A guide to the documents in the Manuscript Room at the Public Archives of Canada, prepared by David W. Parker. 1914. 318p.

No French edition was published.

- 11. The voyages of Jacques Cartier. Published from the originals with translations, notes and appendices, by H[enry] P[ercival] Biggar. 1924. 330p.
- 12. Reports on the laws of Quebec 1767-1770. Edited with notes by W[illiam] P[aul] Mc[Clure] Kennedy and Gustave Lanctot. 1931. 92p.

English and French editions bound together.

*13. ... Catalogue of pamphlets in the Public Archives of Canada 1493-1877, with index, prepared by Magdalen Casey. 1931. 553p.

Added title page and preface in French.

14. ... A collection of documents relating to Jacques Cartier and the Sieur de Roberval. 1930. 577p.

Introduction in English, text in French.

Special Publications

The Canadian archives and its activities, by Arthur G[eorge] Doughty. 1924. 88p.

Canadian genealogy. 1906. 3v.

Excerpts from Sessional papers no. 18, 1906.

*Catalogue of lantern slides in the Public Archives of Canada, prepared by James F. Kenney... 1931. 53p.

^{*} Catalogues and indexes are marked by an asterisk as an aid to finding them in the general list.

*Catalogue of pampulets, journals and reports in the Dominion Archives 1611-1007, with index, prepared by wr. Duncan McArthur of the Archives Branch. 1911. 230p.

A French edition was published in 1911.

*Catalogue of pamphlets, journals and reports in the Public Archives of Canada 1611-1867, with index; 2nd ed., prepared by Norman Fee...

No French edition was published.

*Catalogue of pictures, including paintings, drawings and prints in the Public Archives of Canada, with an introduction and notes by James F. Kenney... 1925. Pt.1, 168p.

Introduction in both French and English.

Documents relating to Canadian currency, exchange and to the finances of Canada during the French period. Selected and edited with notes and introduction by Adam Shortt. 1925. 2v.

The text is in both French and English.

Documents relating to the constitutional history of Canada 1759-1791, Selected and edited with notes by Adam Shortt... and Arthur G. Doughty. 1907. 734p.

A French edition was published in 1911.

Documents relating to the constitutional history of Canada 1791-1818. Selected and edited with notes by Arthur G. Doughty and Duncan A. McArthur. 1914. 576p.

No French edition published.

Genealogie des familles de la côte de Beaupré, by Abbé Charles Seaumont. 1912. 128p.

No English edition published.

Guide to the model of quebec made by Lieut. Jean-Baptiste Duberger, R.E. Presented to Canada by the British Government in 1910.
Restored and set up by Lieut.-Col., the kev. P.M. O'Leary of quebec, 1910-13. Placed in its present position and further restored under the direction of N.C. Wright, Chief Architect of Public Works of Canada, by C. Soucy, sculptor and Alan Beddoe. 1925. 23p.

No French edition was published.

^{*} Catalogues and indexes are marked by an asterisk as an aid to

Kelsey papers with an introduction by Arthur G. Doughty ... and Chester Martin ... Published by the Public Archives of Canada and the Public Record Office of Northern Ireland. 1929. lxxxiii+128p.

Notes in French and English.

*Northcliffe collection: presented to the government of Canada by Sir Leicester Harmsworth, bt., as a memorial to his brother the kight Honourable Alfred Charles William Harmsworth, Viscount Northcliffe. 1926. 464p.

No French edition published.

Red River Settlement. Papers in the Canadian Archives relating to the pioneers. Selected by Chester Martin. 1910. 27p.

No French edition published.

Catalogues and Indexes

All catalogues and indexes of this department are included in the general list of publications and are marked by an asterisk.

Bibliography

- Canada. Archives, Public. Index to reports of Canadian Archives, 1872-1908, p.i-xi. Ottawa, King's Printer, 1909. 231p.
- Canada. Archives, Public. Report of the Public Archives. Ottawa, Queen's or King's Printer, 1573. [v.1-]
- Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.
- Doughty, Arthur G. The Canadian Archives and its activities. Ottaws King's Printer, 1924. 88p.
- Lanctot, Gustave. Les archives du Canada. Lévis, La Cie de Publication de Lévis, 1926. 20p.
- List of the serial publications of foreign governments 1815-1931. Edited by Winifred Gregory. N.Y. Wilson, 1932. 720p.

^{*} Catalogues and indexes are marked by an asterisk as an aid to finding them in the general list.

Department of Public Printing and Stationery

Early History of Government Printing

Prior to Confederation government printing and binding was let by contract to private firms, for varying periods of time. Such firms were usually referred to in all parliamentary documents as "the contractors". The selection of parliamentary papers to be printed was made, until 1858, by a committee of each House of Parliament, but at this time the duty was assigned to a joint committee of Parliament, which committee also superintended all printing and binding, and awarded all contracts for such work. This arrangement was continued until two years after Confederation when an act1 was passed which created the office of Queen's Printer. This official was appointed by the Governor-General at a fixed salary, to hold office during pleasure. His duties were to be the awarding of all printing and binding contracts and the supervision of all government printing, including the printing and publishing of the Canada Gazette, the Statutes of Canada and all parliamentary and departmental documents, though a joint committee of Parliament still made the selection of documents to be printed. This statute governed public printing and publishing until 1886, when the demand for better, more expeditious and less costly printing resulted in the constitution of the Department of Public Printing and Stationery?

Department of Public Printing and Stationery

Though this department was constituted in 1886, it was not actually organized until 1888, due to delay in the completion of the building erected for its housing. The general duties of the

^{1. 32-33} Vict., Cap. 7. 2. 49 Vict., Chap. 22.

Department may best be indicated by quoting directly from the statute under which it was constituted.

"The Department shall be charged exclusively with the following duties in relation to services required for the Senate and the House of Commons and the several departments of the Government, namely:-

- a. The execution and audit of all printing, stereotyping, electrotyping, lithography, binding work, or work of the like nature, and the procuring of the material therefor;
- b. The purchase and distribution of all paper, books and other articles of stationery of whatsoever kind except books which are required for the Library of Parliament, and printed books required for the use of the chaplairs, libraries or schools in the penitentiaries which may be procured in the manner authorized by law;
- c. The sale of all books or publications issued by order of either or both Houses of Parliament or by any department of the Government;
- d. The audit of all accounts for advertising."

Officials

It was provided by statute that the administration of the Department be assigned to any minister whom the Governor-General might select, and from 1886-1921 it was assigned to the Secretary of State, from 1921-1926 to the Minister of Labour, and since 1926 it has again been under the Secretary of State. An officer called the King's Printer and Controller of Stationery was designated as deputy minister, to whom was assigned the duty of executing the provisions of the Printing and stationery act in general, and particular mention was made of the printing and publishing of the Canada gazette and the Statutes of Canada.

The number of officials of the Department has, of course, varied with the increase of business, but at present the work is

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in charge of the following:

Minister, Secretary of State
Deputy Minister, King's Printer and Controller of Stationery
Supervisor of Government Publications
Controller of Purchases
Superintendent of Stationery
Production Supervisor
Plant Supervisor

Organization

For many years the work of the Department was divided between the Printing Branch, the Stationery Branch and the Accountant's Branch, but later the increased volume of business necessitated the creation of the Purchasing Branch and the Distribution Division. 1

Publications Printed

The Joint Committee on Printing selects the parliamentary papers to be printed from those laid on the table in each House of Parliament. This committee meets two or three times during a session. Departmental publications are printed as soon as issued, and their nature and number is determined within the issuing department, though the general plan has been adopted of publishing all annual reports of departments before the opening of Parliament, for the convenience of the members during the session.

Publications of the Department of Printing and Stationery

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

Public Printing and Stationery, Dept. of

Serials

Annual report: 1889- [v.1-]

Includes a record of printing and binding, of the distribution of publications and stationery and an account of the financial

^{1.} For information in regard to the distribution of documents, see p. 2-6.

transactions of the Department. Items concerning the history and progress of the Department are included from time to time.

Canada gazette, 1st series. 1841-69. .v.1-28.

This superseded the Upper Canada gazette and the Lower Canada gazette.

Canada gazette, 2nd series. 1867- v.1-

The official organ of the government through which the people of Canada are acquainted with governmental activities. Includes pro-clamations and all government notices such as appointments, bankruptcy notices, etc.
Edited by the Queen's or King's Printer since 1869.

All items printed in both English and French. Issued weekly on Saturday with an annual index in July and with

frequent supplements.

Catalogue of official publications of the Parliament and Government of Canada. 1927- [v.1-]

An annual list with supplements as required. Includes prices.

Price lists. Ottawa, wheen's or King's Printer, 1895-1926.

Issued irregularly. Superseded by the Catalogue of official publications... 1927-

Special Publications

Suggestions on the preparation of copy for the Government Printing Bureau. 1914. 40p.

Same, 2nd ed. 1918. 40p.

Bibliography

Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co. 1914-1917.

Canada, Public Printing and Stationery, Dept. of. Annual reports, 1889- Lv.1-

Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906- [v.1-]

Canadian almanac... 1933. v.p., v.p., 1856?- [v.1-]

Revised statutes of Canada, 1906. 4v.

Same. 1927. 5v.

The Civil Service Commission

History of Civil Service

Though there was no statute governing Civil Service prior to Confederation, the subject had not been ignored, for discussion of the need of legislation on the subject and of the evils of patronage was frequently found in the writings of prominent men of an earlier time, and receives attention in Lord Durham's report. Thus public opinion was prepared for definite action at the time of Confederation. Civil Service Act. 18681

The Act of 1868 was a piece of harty legislation that endeayoured to harmonize the various existing practices, and to secure fair treatment for those already employed by the government in a civil capacity. An Examining Board was created consisting of deputy heads of departments, whose duty it was to conduct examinations to test the educational qualifications of the candidates for Civil service positions, and to keep a record of all such examinations and candidates. There was no competitive element in these examinations, which were very elementary, but appointments were made from the list of successful candidates, by the minister in charge of the department concerned. Only evidence of health, moral character, and age need be presented, the stipulated age being from eighteen to twenty-five years. Those between twenty-five and thirtyfive who had special training or aptitude for a position. might be given some qualifying test and receive appointment if the results justified it. Those past forty years of

^{1. 31} Vict., Cap. 3.

age might be appointed only by special permission of Parliament. These provisions applied only to the Inside Service, that is, to the service within the government departments in Ottawa, as opposed to the Outside Service, which included appointments outside of this field, and which were still filled entirely by patronage. The examinations were still non-competitive, and appointment and promotions were still entirely in the hands of the minister in charge, so it is small wonder that an agitation for reform of the Civil Service began as early as 1875 under the leadership of George Eliot Casey. A committee of Parliament reported on the subject in 1877, but no definite action was taken until 1880 when a royal commission was appointed to investigate the Civil Service. This commission travelled over the Dominion, examined witnesses and finally made a report which resulted in the Civil Service act of 1882.

Civil Service Act, 1882

This act was passed in 1882, amended in '83 and '84 and consolidated in 1885. Under it a Board of Examiners appointed by the Governor-General took the place of the former Board which was composed of the deputy heads of departments, as it was thought that this would decrease patronage, but the examinations were still very elementary, non-competitive and did not distinguish between intellectual and routine work. All appointments and promotions were still made by the minister in charge, and transfers to another department were made by the Governor in Council.

^{1. 45} Vict., Chap. 4.

The Board was placed under the Secretary of State as ministerial head. It is easy to see that this was not much of an advance over the Act of 1868, though the Board was composed of three excellent men who did all in their power to improve conditions.

Dissatisfaction brought about the appointment of amother royal commission of investigation in 1891, which was composed of men representing varied interests and of recognized business ability. Their recommendations were mostly of a compromise nature, and brought about no results, so that conditions grew steadily more unsatisfactory, despite honest efforts on the part of the Board to better them, until another royal commission was constituted in 1907 whose report resulted in the Civil Service act of 1908.

Civil Service Act, 19081

This act was the result of a very thorough investigation and report. A Civil Service Commission was created consisting of two members appointed by the Governor in Council, holding office during good behavior and removable only by the Governor-General on an address from the Senate and the House of Commons. The service was divided into three classes, each with two sub-divisions, and with a corresponding salary scale. The Commission was charged with the giving of open competitive examinations, the organization of and appointments to the Inside Service, as well as with the giving of qualifying examinations for certain appointments of the Outside Service. Applicants must be British subjects

1. 7-8 Edw. VII, Chap. 15.

and between the ages of eighteen and thirty-five years. Further steps in advance were the grading of examinations according to the position to be filled, the insistence upon a probationary period before final appointment, the substitution of qualifying tests for examinations for technical positions, promotions in order of merit, provision for more adequate salaries and the restriction of civil servants from engaging in partisan political activities. The weak point in this act was the small change brought about in the Outside Service, which was still largely left to patronage.

The World War, with its consequent change in personnel and additional duties, brought up many questions which resulted in a new Civil Service act.

Civil Service Act, 19181

This act added a third member to the Civil Service Commission, and included the Outside as well as the Inside Service in open competitive examinations. As amended in 1919 it included an entire reclassification, which forms the basis of the classification in use at the present time for Civil Service positions. This classification included positions, salaries and examinations, and the act specified promotion by merit and the preference in appointments of those who had served in the World War, when such candidates were qualified.

Since 1918 the principal change in the Civil Service has been the adaptation of and exemption from examination, in special cases that require unusual treatment. The Commission has also been charged with the work of reorganization and reclassification in all governmental departments when a need arises. Investigations of particular departments have also taken place during this period.

^{1. 8-9} Geo. V, Chap. 12.

Organization

The Civil Service Commission at present is $\operatorname{org}_{\partial}$ nized as follows:

Commissioners (A chairman and two other members)
Secretary and Staff
The staff of the Secretary is divided into four branches as

follows:

Organization Branch Examination Branch Assignment Branch Personnel Services Branch

Publications of the Civil Service

Note: Unless otherwise stated, all publications are issued from Ottawa and by the Queen's or King's Printer.

Civil Service Examiners, Board of

Serials

Annual reports. 1883-1908. [v.1-23]

Issued as an appendix to the report of the Secretary of State. Includes report of examiners, examinations, regulations, etc. Issued also in French.
Continued as report of the Civil Service Commission.

Civil Service Commission

Serials

Annual report... 1909- [v.1-]

Includes routine report, regulations and examination papers. Issued also in Sessional papers, 1910-1924 and in Annual departmental reports, 1925Issued also in French.

Statement of Civil Service personnel and salaries in the month of January, 1912-1924. [v.1-13]

Special Publications

Analytical index of evidence and memorials, Civil Service Commission, 1907-1908. 22bp.

Civil Service regulations... 1923. 24p.

Civil Service regulations... 1929. 25p.

Issued also in French.

Civil Service of Canada statistics. Numbers employed and expenditures on salaries by departments for the fiscal year ended March 31. 1930. ?

The classification of the Civil Service of Canada setting forth classes of positions and rates of compensation for each class. Revised after hearing officers and employees in the Service... 1919 (June) 678p.

The classification of the Civil Service of Canada showing all classes, alphabetically arranged, with definitions, qualifications, principal lines of promotion and compensation...
1919 (Sept.) 852p.

Same, revised to September 1, 1923. 1923. 168p.

Same, revised to September 1, 1927. 68p.

A mimeographed edition.

Same, revised to December 1, 1930. 102p.

A mimeographed edition.

Departmental organization charts. Dominion of Canada. Organization Branch. Civil Service Commission. [Ottawa, Printed at the Surveyor General's Office, 1919] 117 diagrams.

How appointments are made in the public service of Canada. 1929. 7

Information respecting promotion in Civil Service. 1921. 6p.

Information respecting technical positions in the Civil Service of Canada. 1921. 10p.

Occupational opportunities in the Civil Service. [1925] 10p.

Report of various parliamentary committees appointed to investigate the Civil Service of Canada. [n.d.] 23p.

... Sample examination papers. 1931. 47p.

Issued also in French.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

University graduates and the Civil Service. [n.d.] 3p. Type-written ms.

Civil Service Commission, 1869

First report of the Civil Service Commission... 1869. 59p.

Issued also as Sessional paper no.19, 1869.

Second report of the Civil Service Commission. 1869. 45p.

Issued also as Sessional paper no.19, 1869.

Civil Service Commission, 1881

First report of the Civil Service Commission with appendices... 1861. 554p.

Issued also as Sessional paper no.113, 1881.

Second report of the Civil Service Commission with appendix and minority report. 1882. 93p.

Issued also as Sessional paper no.32, 1882.

Civil Service Commission, 1891.

Report of the Royal commissioners appointed to inquire into certain matters relating to the Civil Service of Canada. 1892. 733p.

Issued also as Sessional paper no.16c, 1892.

Civil Service Commission, 1907

... Report of the commissioners ${}_{\text{c}}\text{and}_{\text{c}}$ minutes of evidence. 1908. 3v.

Issued also as Sessional paper no.29a, 1907-08.

Civil Service Commission, 1918

Report of transmission to accompany the classification of the Civil Service of Canada, describing the schedules for the classification of positions and the standardization of compensation, describing their need, basis and use and the method of their preparation, and including a discussion of the problem of personnel in the Civil Service of Canada, with recommendations for a comprehensive policy and plan... 1919. 2v.

The classification of the Civil Service of Canada, Appendix A, published separately.

Civil Service Commission, 1930

Report of the royal commission on technical and professional services, February, 1930. 1930. 60p.

Note: Examinations in special fields have been omitted since they are for temporary use and only of interest at the time of publication.

Catalogues and Indexes

No catalogues or indexes have been issued to the publications of the Civil Service Commission.

Bibliography

Canada and its provinces... v.6 Toronto, Glasgow, Brook and Co., 1914-1917. 23v.

Canada. Civil Service Commission. Annual report ... Ottawa, King's Printer, 1909- [v.1-]

Canada. Civil Service Examiners, Board of. Annual report ... Ottawa, Queen's or King's Printer, 1883-1908. [23v.]

Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906- [v.1-]

Canadian almanac... 1933. v.p., v.p., 1856?- [v.l-]

Dawson, Robert McGregor. Civil Service of Canada. London, Oxford University Press, 1929. 266p.

Revised statutes of Canada, 1886. Ottawa, Queen's Printer, 1887.

Same. 1906. 4v.

Same. 1927. 5v.

CHAPTER VII

DEPARTMENT OF JUSTICE ROYAL CANADIAN MOUNTED POLICE

Department of Justice

In the early days of Canada judicial and executive functions were intermingled, and both were administered by the Governor-General of the period. As judicial duties increased, judges were appointed and courts established, and in the later days of Canada as a province, it was found necessary to include two Attorneys-General and two Solicitors-General in the Legislative Council. It was not until after Confederation that a Department of Justice was organized as a branch of the Executive.1

Functions

The general duties assigned to this department were the administration of justice not within the jurisdiction of the provinces and the supervision of the prison systems of the Dominion.

Minister of Justice

The Minister of Justice, who is also ex-officio Attorney-General, is appointed by the Governor-General during pleasure and is assigned the following duties:1

- a. To be legal adviser to the Governor-General and legal member of the Privy Council for Canada
- b. To see that the administration of public affairs is in accordance with law

^{1. 31} Vict., Chap. 39.

- c. To superintend the administration of justice not within the jurisdiction of the provinces
- d. To advise on the legislative acts and proceedings of each of the provinces, and to advise the Grown on all matters of law referred to him
- e. To superintend the penitentiaries and prison system of Canada
- f. Such other duties as may be assigned by the Governor-General
- As Attorney-General he is charged with the following duties:

 a. To advise all heads of the several departments on all matters
 - of law connected with the department

 b. The settlement and approval of all instruments under the Great
 - c. The regulation and conduct of all litigation for or against the Crown or any public department on any subject within the jurisdiction of Canada
- d. Any other duties that may be assigned by the covernor-General The advise to the Governor-General includes the recommendation of all judges for appointment and recommendation for the disallowance of provincial legislation and for the exercise of the pardoning power. It is evident that this is an office that carries high powers and great responsibilities.

Solicitor-General

Seal

The office of Solicitor-General was created in 1887 for the purpose of assisting the Minister of Justice in his duties as counsel and with any other duties that might be assigned.

Acts administered by the Department of Justice

The acts administered by this department are at present:

Department of Justice act
Solicitor-General act
Portions of the NorthWest Territories act
Portions of the Yukon act
Royal Canadian Mounted Police act
Judges act
Supreme Court act
Exchequer Court act
Admiralty act

Petition of right act
Criminal code act
Penitentiary act
Prisons and reformatories act
Identification of criminals act
Ticket of leave act
Fugitive offenders act
Extradition act
Juvenile delinquents act

Organization of the Department of Justice

The Department is at present organized as follows:

Minister of Justice and Attorney-General
Solicitor-General
Deputy Minister
Staff of legal officers (8 in number)
Chief Accountant and General hegistrar
Purchasing Agent
Remission Agent
Clemency Branch
Chief of Branch
Penitentiaries Branch
Superintendent of Penitentiaries
Parole Officer
Inspectors of Penitentiaries (3 in number)
Chief Penitentiaries Engineer
Secretarial Staff

Publications of the Department of Justice

Note: Unless otherwise stated all publications were issued from Ottawa and by the Queen's or King's Printer.

Canada. Justice, Dept. of

Serials

Canada law reports. Exchequer Court of Canada. 1923- v.1-

Includes reports, table of cases reported, table of cases cited, memoranda and a list of judges of the Exchequer Court.

Each volume is indexed.

Continues Reports of the Exchequer Court of Canada, 1876-1922.

Canada law reports. Supreme Court of Canada. 1925- v.1-

Includes cases determined by the Supreme Court on appeal from the dominion and provincial courts, 1923-, table of cases reported, table of cases cited, memoranda, list of appeals to the Privy Council and a list of the judges of the Supreme Court.

Continues, in part, the Reports of the Supreme Court of Canada, 1876-1922.

Report of the Director of Penitentiaries. 1870-1875. [v.1-6]

Report of the Minister of Justice as to penitentiaries in Canada. 1876-1920. v.1-44.

Report for 1886 is included in the report for 1887.

Report of the Superintendent of Penitentiaries. 1921- [v.1-]

Note: The three series entered above are continuations one of the other, but bear different titles due to changes in organization. Each report includes a general report and a report of the warden of each penitentiary and of the Superintendent of Rockwood Asylum, giving revenue and expenditures, criminal statistics and an account of the work done.

Reports of the Exchequer Court of Canada, 1876-1922. 1891-1922.

Includes, in addition to the reports of cases, varying items such as notes on cases appealed, rules, orders, etc.

Lach volume is indexed.

Continued by Canada law reports. Exchequer Court of Canada, 1923-

1976 1000 1979 1000

Reports of the Supreme Court of Canada ... 1876-1922. 1878-1922. 64v.

Includes reports of cases determined by the Supreme Court on appeal from dominion and provincial courts, a table of cases cited and a table of cases reported.

Each volume is indexed.

Continued as Canada law reports. Supreme Court of Canada, 1923-

Special Publications

Correspondence, reports of the Ministers of Justice and orders-incouncil upon the subject of dominion and provincial legislation 1867-1920. 1896-1922. 2v.

The criminal code and other selected statutes of Canada. 1928. 700p.

Exchequer Court rules and orders, 1931, with amendments. 1931. 129p.

Military service act, 1917. 1917. 99p.

Issued also in French.

-115-

- Le parlement et le bill 177. Une loi incorporant l'eglise methodiste libre au Canada. Opinion emise par l'honorable soliciteur generale. 1928. ?
- Penitentiaries, report of moyal commission, 1914. 1914. ?

 Issued also as Sessional paper, no. 252. 1914.
- Report of the Director of the Military Service Branch, Dept. of Justice, on the operation of the Military service act, 1917.
- Report of the Minister of Justice on his official action under the minute of Jouncil of May 29th, 1876 on certain public matters:- extradition of criminals, - maritime jurisdiction upon inland waters, - and of the Koyal instructions to the Governor-General, particularly as to the perogative of pardon ... 1877. 28p.
- Reports and recommendations of the Superintendent of Penitentiaries 1919, 1920, 1921, 1922 and 1923. 1924. 40p.
- Rules of the Supreme Court of Canada, 1929. 1929. 31p.
- Summary of emergency legislation arising from the war. Frepared for the Dept. of Justice. 1919. 39p.
- Superintendent of Penitentiaries. Report of the Superintendent re Kingston Penitentiary disturbance, 1932. 1933. 29p.

Catalogues and Indexes

There are no general catalogues or indexes to the publications of the Dept. of Justice.

Bibliography

- Canada and its provinces ... v.6. Toronto, Glasgow, prook and Co., 1914-1917. 23v.
- Canada. Justice, Dept. of. Report of the Minister of Justice as to penitentiaries in Canada. Ottawa, King's Printer, 1876-1920. [44v.]
- Canada year book, 2nd series, 1913-1932. Ottawa, King's Printer, 1906-[v.1-]
- Canadian almanac ... 1933. v.p., v.p., 1856?- [v.1-]

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Catalogue of official publications of the Parliament and Government of Canada. Ottawa, King's Printer, 1927-[v.1-]

List of serial publications of foreign governments, 1815-1931.

Edited by Winifred Gregory. N.Y., H.W. Wilson Co., 1932. 720p.

Revised statutes of Canada, 1886. Ottawa, Queen's Printer, 1887.

Same. 1906. 4v.

Same. 1927. 5v.

Royal Canadian Mounted Police

History

Shortly after the acquisition of the North-West
Territories, the Northwest Mounted Police was constituted by
statute¹ to protect the unsettled portions of the Northwest.

When Alberta and Saskatchewan were constituted provinces in 1905, an arrangement was made whereby the Force continued to discharge its former functions, each province contributing a share of the expense. This arrangement, whereby both provincial and federal laws were enforced, was continued until 1917, when, due to war conditions, each province assumed the control of its own law enforcement. A similiar arrangement was made with Manitoba for the protection of the portion known as Northern Manitoba, but this also terminated in 1917. In 1928 Saskatchewan reverted to practically the first arrangement and in 1932 virtually the same plan was adopted for Alberta, Manitoba, Nova Scotia New Brunswick and Prince Edward Island. The Yukon from the first and up to the present time has been under the sole protection of the Mounted Police.

In 1919 the Dominion Police, who had served the Federal Government since 1868 as law enforcing agency, were absorbed by the Royal Canadian Mounted Police. The duties thus assumed are chiefly the protection of the public buildings

^{1. 36} Vict., Chap. 35.

in Ottawa and the government dockyards. In 1932 the Force also assumed the duties of the Preventive Service for the customs authorities, which provided much new work both on land and in coastal waters.

From 1873 to 1904 the official name of the Force was The Northwest Mounted Police, from 1904 to 1919 it was designated The Royal Northwest Mounted Police and since 1920 it has been officially styled the Royal Canadian Mounted Police. At this date the headquarters were transferred from Regina to Ottawa, but the principal training centre is still at Regina, where a training of about six months duration is given to a majority of new recruits. From a force of three hundred men in 1873, it has grown to 2,494 at the present time (1933).

Function

As first constituted the functions of the Force were as follows: to protect settlers, establish friendly relations with the Indians, attend judges, execute warrants and escort prisoners and lunatics to points of destination. To-day it is a dominion wide organization, and is responsible for the maintenance of law and order in the Yukon and the unorganized North-West Territories, and for a variety of services for the federal government in all provinces of the Dominion, both in the field of administration and investigation. In addition it has agreements with six provinces for the enforcement of the criminal code and all provincial statutes.

Organization

By the statute under which the Force was constituted, the Governor-General is empowered to assign its administration to any member of the Privy Council, and it was first assigned to the Department of Justice of which the Prime Minister at that time was in charge. So outstanding was its success and so important was its work from the very beginning, that it came to be the custom that its administration be given to any department with which the Prime Minister was connected. The result is that, from time to time, it has been assigned to the Department of the Interior, to the Privy Council, the Department of Railways and Canals and the Department of Militia and Defense. Since 1922, however, it has remained under the administration of the Department of Justice, which seems to be its logical place.

The chief official is the Commissioner, who is appointed by the Governor-General, who may also appoint a Deputy Commissioner and such assistant commissioners, superintendents, and inspectors as he sees fit. All constables are appointed by the commissioners. A Comptroller was, for some years, in charge of financial matters, but this office has for several years been left vacant.

The present organization is as follows:

Headquarters Staff

Commissioner Deputy Commissioner

Quartermaster and Supply Officer Intelligence and Liaison officer

Secretary
Chief Accountant
Director of Criminal
Investigation
Finger Print Branch Inspector
Adjutant
Assistant Adjutant

Ticket of Leave Branch
Chief Preventive Officer
Chief of Bureau of Records
Purchasing Bureau
Technical Adviser, Marine
Section

Districts throughout Canada

The force operates in fourteen districts throughout Canada, each under the supervision of an assistant commissioner or superintendent and an inspector, with the exception of Prince Edward Island where there is only an inspector. At Regina there is a surgeon, an assistant veterinary surgeon and a chaplain. A chaplain also serves the Force in Toronto. These districts change constantly, new districts being opened or closed as the need arises.

Publications of the Royal Canadian Mounted Police

Note: All publications are issued from Ottawa and by the Queen's or King's Printer unless otherwise indicated.

Canada. Royal Canadian Mounted Police

Serials

Annual report of the commissioner. 1874- [v.1-]

Appears from 1874-1905 as report of Northwest Mounted Police, from 1906-1920 as report of the Royal Northwest Mounted Police, and from 1920- as report of the Royal Canadian Mounted Police.

No report issued in 1874, 1875, 1877, 1878 and 1883.

Early reports are a mere mention of the number and expenditures of the Force, reports from 1883- are more detailed, telling of the work done for other governmental departments, the work of each district and giving a summary of the cases handled.

Special Publications

Rules and regulations for the government and guidance of the Royal Canadian Mounted Police Force. 1928. 351p.

Memorandum on the Royal Canadian wounted Police. 1930. 7p. Gives a brief history of the Force.

Catalogues and Indexes

No catalogues or indexes have been issued for the publications of the Royal Canadian Mounted Police.

Bibliography

Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.

Canada. Royal Canadian Mounted Police. Annual report of the Commissioner. Ottawa, Queen's or King's Printer, 1876- [v.1-]

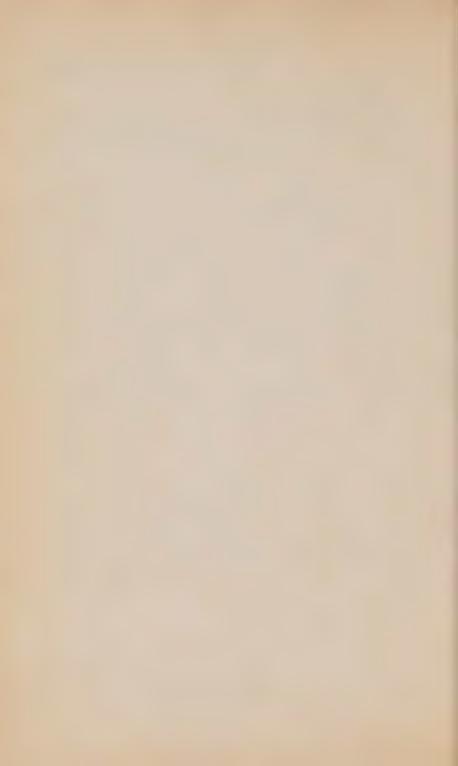
Memorandum on the Royal Canadian Mounted Police. Ottawa, King's Printer, 1930. 7p.

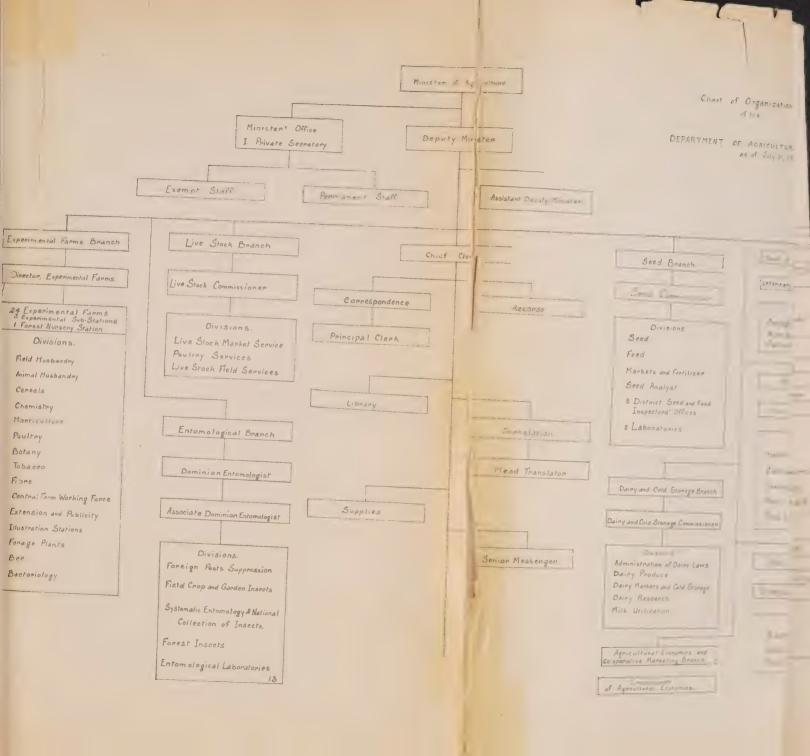
Canadian almanac ... 1933. v.p., v.p., 1856?- [v.1-]

Revised statutes of Canada, 1886. Ottawa, King's Printer, 1887. 2v.

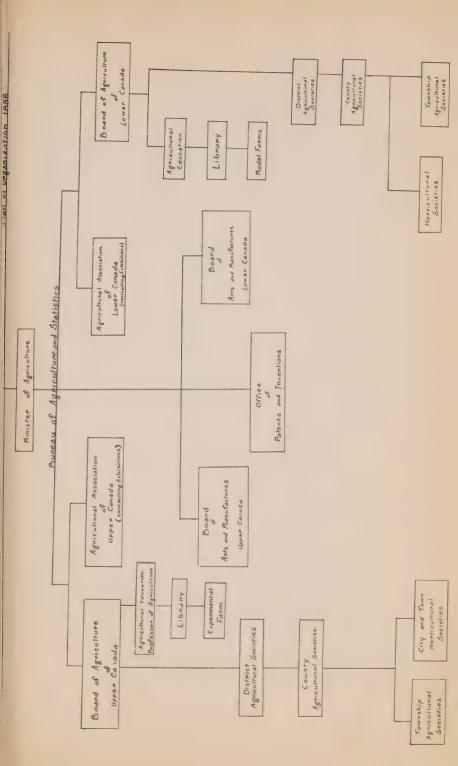
Same. 1906. 4v.

Same. 1927. 5v.









CHAPTER VIII

Department of Agriculture

Early History

The earliest predecessors of the present highly organized and efficient body known as the Department of Agriculture were agricultural boards and societies in the various sections of Canada, those in Upper Canada being particularly numerous and active. These organizations received government grants for the promotion of agriculture, and continued to exist even after the establishment, in 1852, of a governmental Bureau of Agriculture. This bureau was, according to statute, placed under the administration of any minister whom the Governor-General might select, and this official was then given the additional title of Minister of Agriculture. Its general functions were as follows: to act as a coordinating agency for agricultural societies, to collect and distribute information relative to the agricultural, mechanical and manufacturing interests of the Province and to collect statistics. including the census. In 1862 the Bureau was made a separate department with a minister of its own.

Department of Agriculture

The present department was constituted in 1868 to have direction and control of the following subjects: agriculture; immigration and emigration; public health and quarantine; Marine and Immigrant Hospital, Quebec; arts and manufactures; census and statistics; patents, inventions, copyrights, industrial designs and trade marks and such other duties as might, from time to time, be assigned. The duties under

^{1. 16} Vict., Cap.11.
2. 31 Vict., Cap.53.
3. Sometimes cited as Marine and Emigrant Hospital, Quebec. -122-

this last clause have been many and varied, so much so that in the early years agriculture was a minor consideration; also many duties have been transferred to other departments, so it seems necessary to give in chronological order the subjects that have come under the direction of the Department.

Agriculture, General 1868-

The actual agricultural work of the Department was at first crowded into the background by the supervision of immigration, so that in the first years, diseases of cattle was the only subject to receive any attention. Soon, however, the building up of the cattle trade and the importation of cattle came into prominence. In 1877 the study of insects injurious to crops was undertaken, and by 1884 a Dominion Entomologist was appointed. the subjects of fertilizers and forestry received consideration, and in 1886 the work of organizing experimental farms was begun. The Central Experimental Farm was located near Ottawa, the Maritimes experimental farm near Nappan, Nova Scotia, that for the North-west Territories near Indian Head, for Manitoba near Brandon and for British Columbia near Agassiz. By 1890 they were all well established and the work of distributing seeds and trees and of experimentation with fruits, grains, cattle and dairying was under way. The work of publication began early with bulletins and circulars reporting the results of experimental work and with the Statistical year book of Canada, which was published from 1885-1904. In the meantime several important agricultural exhibits were prepared, such as those for the Exhibition at Philadelphia in 1876 and at Paris in 1880.

Organization

So many statutes have been passed, repealed and amended in regard to the work of the government in agriculture that it scarcely seems worth while to follow the mazes of all these changes in detail, so suffice it to say, that by 1919 all subjects other than those related to agriculture, had been relegated to other departments, and that the expansion of agricultural work has led to division and subdivision in all branches, with occasional telescoping for the sake of efficiency, until the present organization has been evolved, which is as follows:

Minister

Deputy Minister

Assistant Deputy Minister

Administration Branch
Deputy Minister's Office
Translator's Office
Main Library of the Department
Office of the Representative of the
Treasury for the Dept. of Agriculture
Office of the Secretary of the
Canadian Council on Boys' and Girls' Club Work

Dominion Experimental Farms and Stations
Central Experimental Farm
Division of Animal Husbandry
Division of Bacteriology
Bee Division
Division of Botany
Cereal Division
Division of Chemistry
Division of Extension and Publicity
Division of Economic Fibre Production
Division of Field Husbandry
Division of Field Husbandry
Division of Forage Plants
Division of Horticulture
Division of Illustration Stations
Poultry Division
Tobacco Division

Branch Farms and Stations

There are twenty-eight farms and stations, eight substations

and two hundred and ten illustration stations (1933). In the last mentioned, the results of important experiments are demonstrated on privately owned farms. These farms and stations are scattered all over the Dominion. A complete list is included in each annual report of the linister of Agriculture.

Dairy and Cold Storage Branch
Dairy Research Division
Dairy Produce Division
Market and Cold Storage Division

Health of Animals Branch
Animal Diseases Administration
Meat and Canned Goods Division
Animal Diseases Research Institute

Live Stock Branch
Horse Division
Cattle Division
Sheep and Swine Division
Poultry Division
Markets Intelligence Service
Stock Yards Service

Seed Branch
Feed Division
Markets Division
Seed Division
Seed Laboratory

Entomological Branch
Foreign Pests Division
Field Crop and Garden Insects Division
Systematic Entomology Division

Fruit Branch

Markets Division

Transportation Division

Canning Division

Publications Branch
Editorial Division
Mailing List Division
Distribution Division

Agricultural Economics Branch

Each of these branches is manned by a staff of technical experts who are engaged in administration, extension or research work in their respective fields, and who publish the accounts of their work in the form of reports, bulletins or circulars. Prior to 1922 each branch issued its own series of publications, but in that year all bulletins, circulars, pamphlets and series of acts, orders and regulations of the Department were consolidated into general series.

Immigration, 1868-1892

During these years the greater part of the time of the Department was devoted to this work, which consisted of establishing immigration agencies in foreign countries and throughout the Dominion, supervising the work of such agencies, advertizing in foreign countries, organizing immigration societies, making regulations for the care of immigrants, especially juveniles, and making statistical reports on all phases of the work.

In 1892 these duties were transferred to the Department of the Interior.

Marine and Immigrant Hospital, Quebec, 1868-1872

On account of the connection of this institution with the work of immigration, it was for five years under the supervision of the Department of Agriculture. This supervision consisted of financial control, supervision of the care of immigrants and the publication of statistics. In 1872 it was transferred to the Department of Marine.

^{1.} This institution is mentioned sometimes as the Marine and Emigrant Hospital and sometimes as the Marine and Immigrant Hospital.

Quarantine, 1868-1918

Quarantine work consisted of the examination and care of immigrants with contagious diseases, and in keeping statistics thereon. In 1900 this division was called Quarantine and Public Health and its work was extended to include supervision of the health of immigrants and public health in general.

In 1919 this work was transferred to the newly organized departments of Immigration and Colonization and Pensions and National Health, respectively.

Census and Statistics, 1868-1913

The early work on this subject consisted of the examination and tabulation of early census returns, and the work of collecting, tabulating and abstracting population statistics soon followed, with similar work in the fields of immigration, navigation, commerce, finances, education, customs, military affairs, health, etc. In 1913, this work was taken over by the Department of Trade and Commerce.

Patents, 1868-1918

The granting and registration of patents was an ever increasing duty of the Department, until, in 1918, it was taken over by the Department of Trade and Commerce.

Copyrights, Trade Marks and Industrial Designs, 1868-1918

The work in this connection consisted of the examination, granting and registering of copyrights, trade marks and industrial designs. It was transferred to the Department of Trade and Commerce in 1918.

Department of Public Archives, 1872-1912

From its organization in 1872 until 1912, this department was administered by the Minister of Agriculture. For a full account of its work, the reader is referred to the section devoted exclusively to the Fublic Archives.

Timber Marks, 1876-1918

The examination and registration of timber marks for lumbermen and others engaged in work with timber, was administered by the Department for the years indicated, after which it was taken over by the Department of Trade and Commerce.

Criminal Statistics, 1879-1918

Criminal statistics were collected, registered and reported by the Department of Agriculture from 1879 to 1918, when this duty was taken over by the Department of Trade and Commerce.

Health Statistics, 1882-1891

At the request of physicians and the various boards of health, statistics of the health of eleven cities were collected and published in a monthly bulletin as well as in an annual report, but in 1891 it was decided that the statistics were too incomplete to be of value, and the service was discontinued. International Institute of Agriculture, 1907-

Canada has from the beginning of the Institute, in 1907,
participated in its activities. This work consists chiefly
in gathering statistical information in regard to agriculture
in Canada and reporting thereon to the Institute, and in
attending the conferences of the Institute. In 1910 the collection of an agricultural library of international scope was begun,

which has since become the Main Library of the Department of Agriculture, and now consists of about 67,000 volumes. This work was from 1907-1909 carried on by the Office of the Minister of Agriculture, from 1910-1914 by the Publications Branch, from 1915-1925 by a separate branch known as the International Institute of Agriculture and since 1925 has been in charge of the Deputy Minister of Agriculture.

Agricultural Instruction, 1912-1922

The sum of \$1,000,000 a year for ten years was voted by

Parliament in aid of agricultural instruction in Canada. The

Commissioner of Agricultural Instruction administered the distribution of the grant. The work consisted of conferring with

provincial officials as to the best use of the grants, and of

reporting on the work of the year.

Race-Track Betting, 1923-

The Department has co-operated with the Royal Canadian Mounted Police in supervising race-track betting and betting equipment since 1923.

Various Officials

Other officials of the Department of Agriculture are:

Agricultural Produce Marketing Agent in Great Britain Chief Registration Officer of the National Live Stock Records Office The Canadian Exhibition Commissioner

Acts Administered by the Dept. of Agriculture

The acts at present administered by the Department of

Agriculture are:

Experimental farm stations Fruit Dairy industry Cold storage Seeds Feeding stuffs Live stock pedigree Live stock and live stock products Maple sugar industry

Animal contagious diseases Meat and canned goods Destructive insects and pests Fertilizers Root vegetables Race-track betting(Criminal cod Inspection and sale

This is one of the oldest and most efficient of the governmental departments, and since 1919 its entire attention has been devoted to agriculture in all its phases.

Publications of the Bureau of Agriculture

Report of the Minister of Agriculture. 1857-1863. [10v.]

Place and publisher vary. Early reports include immigration, census, copyrights and health, as well as the various phases of agriculture. Published as appendices to the Journals of the Legislative Assembly, 1857-1859 and in Sessional papers, 1860-1863. Continued as reports of the Dept. of Agriculture, 1864-Title varies. Usually issued in French also.

Publications of the Department of Agriculture

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

Canada. Agriculture, Dept. of

Serials

Acts, orders and regulations. 1922- no.1-

No. 20 never published. Index issued as, Canada. agriculture, Dept. of. Pamphlet 122. Usually issued also in French.

Agricultural gazette of Canada ... 1914-1924. llv.

Monthly 1914-1920, bi-monthly 1921-1924. Issued also in French.

Annual report on the cattle quarantine in Canada. 1876-1901.

Issued as appendix to report of the Minister of Agriculture. Report made by Chief Inspector of Stock for Canada. Continued in the report of the Veterinary Director General. 1902- issued reparately also.

Bulletin, new series! 1922- no.1-

Usually issued also in French, no. 24 in French only.

The Canada emigration gazette, 1865- ? v.1- ?

This publication is mentioned in the report of the Minister of Agriculture for 1865, but no further record of it was found, neither were any copies available for examination in the various libraries searched.

nsus of Canada. 1850-1851. 2v; 1860-1861. 2v.; 1870-1871. 5v.; 1880-1881. 4v.; 1890-1891. 4v.; 1901. 4v. Census of Canada.

Census for 1850-1861 published by the Bureau of Agriculture and

Statistics.
V. 4, 1871 contains a resumé of the censuses of Canada, 1005-1871.
Volumes of the census later than 1911 published by the Department

Published also in French.

Census of Canada. Bulletin, 1891-1893. no.1-18.

Census of Canada. Bulletin. 1901-1903. no.1-18.

Census of Canada. Bulletin. 1907-1910. no.1-11.

Census of Canada. Bull tin. 1911-1915. no.1-19.

Circular, new series! 1922- no.1-

Usually issued in French also.

Criminal statistics, see Bureau of Statistics. Judicial Statistics Branch.

Monthly bulletin of agricultural statistics. 1908-1 v.1-]

v.1-10 called Census and statistics monthly. After 1912 issued by the Dept. of Trade and Commerce.

^{1.} This series is a continuation, in a consolidated series, of the various series formerly issued by the several branches of the Department.

Mortuary statistics of the principal cities and towns of Canada ...

Issued as appendices to the reports of the Minister of Agriculture, 1882-1891, and issued separatelt also.
Issued also in French.

Pamphlet! new series. 1922- no.1-

Usually issued also in French.

Report of the Minister of Agriculture. 1863- [v.1-]

From 1862-1866 the report includes only Upper and Lower Canada.

Place and publisher vary from 1863-1869, after which it is
published by the King's Printer. Issued in Sessional papers 18641924; in Annual Departmental reports, 1925- and issued separteely also
Early reports include immigration, census, copyrights and health,
as well as the various phases of agriculture.

Title varies. Issued also in French.

Report of the Agricultural Instruction Act. 1914-1922. 19v.]

Special bulletin. 1907-1913. 1B-2B.

Statistical yearbook of Canada. 1885-1904. 21v.

Published also in French.
Continued as Office of Census and Statistics. Canada year book, 1905-1917 and as Dominion Bureau of Statistics. Canada year book, 1918-

Special Publications

A travers le Canada en compagnie de l'Association britannique pour l'avancement des sciences. 1884. 40p.

Agriculture in Canada, by Am. Saunders... 1904. 27p.

Prepared for the Louisiana Purchase Exposition, St. Louis, 1904.

Atlas of Canada... prepared by Martin Burrell. 1914. 68p.

Beurre et fromage; rapport spécial; production du beurre et du fromage en Canada et marchés pour ces produits. 1894. 39p.

Issued as appendix to the report of the Minister of Agriculture for 1893, and issued separately also.

Canada; its extent, general resources, etc.; information for intending settlers. 1886. 32p.

^{1.} This series is a continuation, in a consolidated series, of the various series formerly issued by the several branches of the Department.

Ganada; its history, production and natural resources... 1836.

Distributed at the Colonial and Indian Exhibition.

Same. 1901. 168p.

Prepared for the Glasgow International Exhibition.

Same. 1904. 176p.

Same. 1905. 221p.

Distributed at the Liège Exhibition, 1905. Published also in German.

Same. 1906. 210p.

Canadian dairying. 1923. 32p.

Canadian immigration in 1375; report by T.E. Jenkins upon the position and prospects of immigration. Montreal, [n.p.] 1870. 44p.

Sensus of the northwest provinces; manitoba, Saskatchewan and Alberta... [1906] 160p.

Census of the three provisional districts of the North-West Territories, 1884-1885. Recensements des trois districts provisoires des territoires du Nord-ouest. 1886. 97p.

Published in French and English.

Colonial and Indian Exhibition, 1886. A revelation of Canada's progress and resources. Extracts from British and colonial journals. 1887. 87p.

... Correspondence relating to the importation of store cattle into the United Kingdom and the importation of United Kingdom pedigree stock into Canada. 1932. 7p.

Dominion of Canada. 1903. 48p.

Prepared for distribution at the 5th National Exhibition of Japan, Osaka, 1903.

Dominion of Canada; a guide book containing information for intending settlers... 1882. 122p.

Same. 1883. 32p.

Same. 1884. 32p.

Same. 1885. 32p.

Same. 1885. 150p.

Same, 7th ed. 1886. 159p.

Same, 8th ed. 1889. 164p.

Dominion of Canada, comprising the provinces of Prince Edward Island, Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba, British Columbia, North-West Territories; a handy book for immigrants. 1880. 140p.

L'elevage artificiel des poissons. 1928. 18p.

Issued also in English.

Emigration to Canada; a brief outline of her geographical position, production, climate, capabilities, educational and municipal institutions, fisheries, railroads, etc., etc. Quebec, Printed by J. Lovell, 1860. 39p.

Issued in German, 1862.

Essai sur les insectes et les maladies qui affectent le blé, par Emilien Dupont. (L'auteur a reçu le 3ème prix du Bureau d'Agriculture.) Montreal, Des presses à vapeur du Canada Directory, 1857. 70p.

Essay on the insects and diseases injurious to the wheat crops, by H.Y. Hind... to which was awarded the first prize by the Bureau of Agriculture and Statistics. Toronto, Lovell and Gibson, 1857. 38p.

Farm weeds of Canada, by G.H. Clark and James Fletcher. 1906.

Issued also in French.

Same, 2nd ed. 1909. 192p.

Reprinted, 1923.

The fish and game attractions of the Dominion of Canada ... 1904.

At head of title: Louisiana Purchase Exposition, 1904.

Fodder and pasture plants, by G.H. Clark and M.O. Malte. 1913. 143p.

Issued also in French.

The food products of Canada, by W.W. Moore. 1904. 36p.

At head of title: Louisiana Purchase Exposition, 1904.

Fruit culture; showing the progress of the fruit industry in Canada. 1904. 24p.

Printed for the Louisiana Purchase Exposition, 1904.

... Grain screenings, by John R. Dymond ... with Results of feeding experiment, by E.S. Archibald ... and F.C. Elford ... 1915. 44p.

Le guide du colon français au Canada, par J.B. Proulx. 1886. 56p.

Johnson's graphic statistics. 1887. 80p. graphs.

Mineral resources of the Dominion of Canada, comprising the provinces of Prince Edward Island, Nova Scotia, New Brunswick, Quebec, Ontario, British Columbia, North-West Territories. 1882. 72p.

New Brunswick as a home ... 1884. 54p.

An official handbook of information relating to the Dominion of Canada ... 1891. 78p.

Later editions published by the Dept. of the Interior.

Papers on the subject of scheduling of Canada by the British Board of Agriculture. 1894, 43p.

Appendix to the report of the Minister of Agriculture, 1894.

Patriotism and production; more than usual - "Agricultural war book". 1915. 160p.

Les pêcheries du Canada, par L.Z. Joncas. 1886. 31p.

Les poissons et les animaux à fourrure du Canada. [1912]. 87p.

Production and thrift. Agricultural war book. 1916. 250p.

Province of Manitoba. Information for intending emigrants. 1874. 58p.

Province of Manitoba and the North-West Territories of the Dominion of Canada; information for intending emigrants ... 1878. 70p.

Same. 1879. 22p.

... Pulp wood of Canada ... 1901. 31p.

Printed for the Pan-American Exposition, Buffalo, 1901.

Pulpwood of Canada, by George Johnson. 1904. 88p.

At head of title: Louisiana Purchase Exposition, Cover title: The forest wealth of Canada.

Report of tenant farmers' delegates on the Dominion of Canada as a field for settlement. 1880. 191p.

Issued also in French.

Same. 1880. 141p.

Same. 1881. 144p.

Same. 1883, 161p.

Report of the Canadian commissioners to the Exhibition of Industry held at Sydney, New South Tales, 1877. 1878. 147p.

Report of the executive commissioner for Canada to the World's Columban Exposition, Chicago, 1893. 1894. 8lp.

A report on an investigation into some of the possibilities of the recovery and utilization of the fibre from the straw of flax grown for seed production purposes on the Canadian prairies, prepared by J. H. Grisdale. 1920, 14p.

Report on the forest wealth of Canada... 1895. 339p.

Le Saguenay et le lac St. Jean; resources et avantages qu'il offert aux colons et aux capitalistes. 1897. 5lp.

Special report on area and population, 1911. 1912. 172p.

La Vallée au St. Maurice; information pour les colons. 1887.

321

The visit of the tenant-farmer delegates to Canada in 1890. Reports on the agricultural resources of Canada. London, McCorquodale and Co., Ltd., 1891. 96p.

Published by authority of the Dept. of Agriculture.

Women of Canada; their life and work, compiled by the National Council of Women of Canada at the request of Hon. Sydney Fisher, Tinister of Agriculture. For distribution at Pan-American Exposition, Buffalo, 1901. 1901. 442p.

Commissioner of Agriculture and Dairying, Branch of

Serials

Bulletin. 1901-1904. no.1-16.

Commercial series. 1890. no.1-2.

Report of the Commissioner of Agriculture and Dairying. 1897-1904.

Report of the Dairy Commissioner ... 1890-1893. [3v.]

Special Publications

Canadian dairy products for the Torld's Columban Exposition. 1892. 10p.

Issued also in French.

Cheese factories and creameries. 1898. 400.

Issued also in French.

Conseils aux fabricants de fromage pour le mois de mai. [n.d.]

Same, juin, [n.d.] 12p.

Same, août, [n.d.] 7p.

Discoloration of cheese. 1897.

Food products of Canada and names of some exporters. 1901.

Prospects for exports of tender fruits. 1899. 20p.

Dairy and Cold Storage Branch

Serials

Bulletin, 1905-1920, no.1-58.

Continues Bulletin of the Commissioner of Agriculture and Dairying.

Usually issued also in French, but the following numbers never issued: 1-3, 7, 19, 24, 29, 31, 43, 45-53.

Circular. 1910-1921. no.1-31.

Usually issued in French also.

^{1.} Items marked by ? are unknown because the publications has not been available for examination.

Conference of Dairy Experts. Proceedings... 1902-1912.

Conference of Fruit Growers. Proceedings... 1890-1914.

Dairy news letter. 1919- [v.1-]

Issued monthly in mimeographed edition.

Report of Commissioner of Dairy and Cold Storage. 1890-1915. v.

Title varies. 1897-1903 never issued. Continued as part of the report of the Minister of Agriculture.

Special Publications

Feed book; record of feed for the dairy herd. 1914. ?1

Inquiry into fruit growing conditions in the Dominion of Canada, being the conclusions reached after a personal investigation, by 7. H. Bunting, 1911. 1912. 84p.

Map showing the cheese factories, creameries and combined factories in Canada. 1906. ?1

Published with the report of the Commissioner of Dairy and Cold Storage.

Report of the Royal Commission to inquire into alleged complaints relating to the weighing of butter and cheese in Montreal. 1913. 17p.

A review of the dairy produce trade, by J. A. Ruddick. 1913. 8p.

Why and how to use milk, by H. J. Campbell. 1922. 31p.

Dominion Experimental Farms

Serials

Bulletin. 1887-1921. no.1-98.

Usually issued also in French, but scattered numbers never published.

Bulletin, 2nd series. 1898-1921. no.1-49.

Treats of subjects of interest to particular localities. No.46 was withdrawn.

Usually issued in French also, but scattered numbers never published.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Circular. 1912-1924. no.1-21.

No.1-5 called Farmers Circular. Usually issued in French also.

Exhibition circular. 1914-1924. no.1-108.

Usually issued in French also.

Experimental farm notes. 1893-1898. no.1-8.

Interim reports on the stations in northern Ontario and Quebec. 1920-1921. [2v.]

Pamphlets. 1908-1920. no.1-29.

Usually issued in French also.

Report of the Director. 1887- [v.1-]

Issued also in French.
An interim report issued Dec. 105-March 106.

Seasonable hints. 1915-1932. no.1-55.

Issued every four months; beginning with no.10, an Eastern, a Prairie and a B. C. edition were issued. Discontinued with no.55.

Issued also in French.

Special circular. 1917-1918. no.1-20.

Usually issued in French also.

Special Publications

Conference of officers held at Ottawa, Jan.14-19, 1915. Report of proceedings. 1915. 226p.

Dominion experimental farms; a review, by J.B. Spencer, 1886-1912. 1913. 83p.

The Dominion experimental farms; a system of experimental stations operated by the federal government which investigates agricultural problems and is capable of giving continuous service to Canadian farmers. 1924. 40p.

A guide to experimental farms and stations, by F. T. Shutt. 1912. 162p.

Guide to the experimental projects of the Dominion experimental farms ... 1926. 74p.

Organization, achievements and present work of the Dominion experimental farms. 1924. 302p.

Report on the production and manufacture of beet sugar, by Wm. Saunders. 1892. 47p.

A review of the status and possibilities of flax production and manipulation in Canada, by James A. McCracken. 1916. 29p.

Agriculturist's Division

Report. 1890-1912. L23v.]

Continued as Report of Animal Husbandry Division and Field Husbandry Division.

Animal Husbandry Division

Report. 1913- [v.1-]

Issued also in French.

Bacteriology Division

Report. 1924- [v.1-]

Issued also in French.

Bee Division

Report. 1915- [v.1-]

Issued also in French.

Botany Division

Serials

News letter. 1921-1923. L3vJ

Report. 1887- lv.1-]

Issued also in French.

Survey of the prevalence of common plant diseases in the Dominion of Canada. 1920- [v.l-]

Wimeographed report issued annually.

Special Publications

Mushrooms and toad stools; an account of the more common edible and poisonous fungi of Canada, by H. T. Gussow and W. S. Odell. 1927. 274p.

Potato diseases. n.d. (Coloured poster)

Laboratory

Dominion Rust Research

Report. 1926- [v.1-]

A reprint of sections of the reports of the Division of Botany and the Division of Cereals.

Cereal Division

Report. 1905- [v.1-]

Continuation of the Experimentalist's Report. Issued also in French.

Chemistry Division

Report. 1887- [v.1-]

Economic Fibre Division

Report. 1917- [v.1-]

Issued also in French.

Experimentalist's Division

Report. 1903-1904. [2v.]

Continued as Report of the Cereal Division.

Extension and Publicity Division

Report. 1916- [v.1-]

Field Husbandry Division

Report. 1913- [v.1-]

Continuation of the Report of the Agriculturist, 1890-1912.

Forage Plant Division

Serials

Report. 1913- [v.1-]

Issued also in French.

Special Publications

Alfalfa; why it should be grown and how to grow it, by G. P. McRostie. 1927. 4p.

Forestry Division

Report. 1897. [lv.]

Horticulture Bivision

Serials

Report. 1887- Lv.1-]

Special Publications

Beautifying the home grounds of Canada, by M. H. Howitt. 1930. 87p.

Published jointly by the Experimental Farm's Branch of the federal Department of Agriculture and the Canadian Horticultural Council.

Spraying calendar, by W. T. Macoun. 1913. (Poster)

Illustration Stations Divisions

Interim report. 1920-1921. [2v]

Report. 1916. [v.1-]

From 1922 - the Report is divided into two parts; the first deals with the illustration stations of British Columbia, Alberta, Saskatchewan and Manitoba, and the second with Ontario, Quebec, New Brunswick, Nova Scotia and Prince Edward Island.

Poultry Division

Serials

Report. 1888- [v.1-]

Issued also in French.

Weekly report of each of the ten Canadian contests. 1919- no.1-

Special Publications

Canadian national egg-laying contests (registration). Announcement, 1928-29. 1928. 7p.

Tobacco Division

Report. 1906- [v.1-]

Reports, 1906-1912 issued by the Tobacco Branch of the Department of Agriculture; in 1913, the Tobacco Branch became the Tobacco Division of the Experimental Farm.

Reports 1908-1910 issued as Tobacco Branch bulletins.

Issued also in French.

Tobacco bulletin. 1906-1912. no.Al-Al4.

Continued in Experimental Farm Bulletin, and later in Department of Agriculture. Bulletin, new series.

Branch Experiment Farms

Agassiz, B. C. Report. 1889- [v.1-]

Brandon, Man. Report. 1888- [v.1-]

Indian Head, Sask. Report. 1888- [v.1-]

Nappan, N. S. Report. 1888- [v.1-]

Branch Stations

Reports of the stations as follows: (Usually issued in French also)

L'Assomption, Quebec. 1928- [v.1-]

Beaverlodge, Alta. 1915- [v.1-]

Published in Report of the Director, 1915-1919; in Report of sub-stations, 1920-1921; published separately 1922-

Cap Rouge, Quebec. 1911- [v.1-]

Charlottetown, P.E.I. 1910- [v.1-]

Farnham, Quebec. 1914- [v.1-]

Fredericton, N.B. 1913- [v.1-]

Harrow, Quebec. 1914- [v.1-]

Invermere, B.C., see Windermere.

Kapuskasing, Ont. 1917- [v.1-]

Published 1917-1919 in Report of the Director; 1920-1921 in Interim report on the stations in northern Ontario and Quebec; 1922- published as a separate report.

Kentville, N.S. 1913- Lv.1-]

Lacombe, Alta. 1906- Lv.1-]

La Ferme, Quebec. 1919- [v.1-]

1920-1921 published in Interim report on the stations in northern Ontario and Quebec; 1922- published as a separate report.

Lennoxville, Quebec. 1915- [v.1-]

Lethbridge, Alta. 1908- [v.1-]

Morden, Man. 1917- [v.1-]

Rosthern, Sask. 1910- [v.1-]

Ste. Anne de la Pocatière, Quebec. 1913- [v.1-]

Scott, Sask. 1912- [v.1-]

Sidney, B.C. 1914- [v.1-]

Summerland, B.C. 1915- [v.1-]

Swift Current, Sask. 1922- [v.1-]

Windermere, B.C. 1914- [v.1-]

Formerly called Invermere.

Substations

Report of the experimentalist in charge. 1920- [v.1-]

Includes the work of the substations at Vermilion, Alta.; Fort Resolution, N.W.T.; Fort Smith, N.W.T.; Fort Providence, N.W.T. and Betsiamites, Quebec.

Experimental Fox Ranch, Summerside, P.E.I.

Report. 1926- [v.1-]

Issued in French also.

Economics Branch

Serials

Economic annalist. 1931- Lv.1-1

Published monthly. Issued also in French.

Special Publications

An economic survey of range sheep production in western Canada, by L. E. Kindt. 1933. 42p.

Mimeographed report.

The marketing of milk in the Sydney-Glace Bay of Nova Scotia, by J. F. Booth and W. V. Longley. 1933. 41p.

Mimeographed report.

Exhibitions Branch

Serials

Report. 1903-1918. [16v.]

Special Publications

1000 facts about Canada. 1905. 21p.

Entomological Branch

Note: The Dominion Entomologist was in charge of this work 1884-1885; from 1887-1920 it was under the Experimental Farms Branch, and since 1921 it has been under an independent branch of the Department of Agriculture known as the Entomological Branch.

Serials

Bulletin. 1911- no.1-

Numbered in two series since 1922, that is, the numbering of the original series is continued, and they are also numbered as a part of the general series of bulletins published by the Department of Agriculture.

Canadian insect post review. 1923- [v.1-]

Circular. 1913- no.1-

No.1-3 called Entomological Circular.

After 1922 numbered in two series, that is, the numbering of the original series is continued, and a number is given in the general series of circulars published by the Department of Agriculture.

Crop protection leaflet. 1917- [v.1-]

News letter. 1920- [v.1-]

V.9, no.12 and v.12, no.12 never issued.

Report. 1884-1921. [37v.]

Title varies.
Issued by the Dominion Entomologist, 1884-1885, none issued in 1886, issued as part of the Dominion Experimental Farm report 1887-1920, since 1921 included in the Report of the Minister of Agriculture.

Special Publications

Apple insects, by James Fletcher. [n.d.] 7p.

Cutworm outbreak expected in 1931 in Saskatchewan and Alberta. 1931. 21

European cornborer quarantine map of Ontario. 1923. ?1

How to deal with the house-fly danger, 3rd ed., by C. J. Hewitt. 1915. (Poster)

Renewed cutworm outbreak expected in 1932 in Saskatchewan and Alberta. 1932. 4p.

Fruit Branch

Prior to 1914 this branch was a division of the Dairy and Cold Storage Branch.

Serials

Bulletin. 1915-1917. no.1-2.

Usually issued in French also.
Continued in the consolidated series called Bulletin, new series, 1922-

^{1.} Items marked by ? are unknown, because the publication is not available for examination.

Canadian fruit and vegetable crop report. 1904- [v.1-] Continues the publication, Telegraphic report, 1915-1918.

Circular. 1915-1921. no.1-3.

Usually issued in French also. Continued as Dept. of Agriculture. Circular, new series.

Fruit and vegetable crop report. 1904- [v.1-]

Potato crop report. 1921- [v.1-]

Issued annually.

Telegraphic report. 1915-1918. v.

Continued as Canadian fruit and vegetable market report, 1929-

Special Publications

An apple a day packed the new way. 1931. (Folder)

Canadian fruits and vegetables are government graded. Buy the quality; fancy, choice, standard. 1930. 4p.

Canadian grapes; recipes you will like. 1931. (Folder)

Canadian onions for Canadian people. 1931. (Folder)

Eat Canadian apples; 160 apple recipes. 1918. 40p.

Jams and preserves made from wild or garden fruits. [n.d.] ?1 Mimeographed edition.

Health of Animals Branch

Serials

Bulletin. 1897-1920. no.1-28.

Circular. [1921 ?] no.1-3.

Continued as Dept. of Agriculture, Circular, new series.

Regulations relating to animal quarantine. 1907- no.1-

No.1-8 called Farmers' bulletins; continued in Bulletin, new Usually published in French also.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Report. 1902- [v.1-]

First report, a part of the Report of the Minister of Agriculture; later reports published separately. No report published for 1923. 1906-1912 called Report of Veterinary Director-General and Live Stock Commissioner. Issued also in French.

Report on cattle quarantine in Canada, issued by Chief Inspector of Live Stock for Canada. 1876-1900. [v.l-]

Issued as appendix to the Report of the Minister of Agriculture, 1876-1901; continued as Report of the Veterinary Director-General, 1902-1912.

Special Publications

Accredited herds, by F. Torrance. 1919. 2p.

Same. 1922. 2p.

Same, by George Hilton. 1928. 28p.

Same. 1929. 37p.

Black-leg vaccine, by F. Torrance. 1914. 3p.

Same. 1915. 2p.

Bovine tuberculosis. 1928. 8p.

Same. 1929. 8p.

Same. 1930. 7p.

Cattle quarantine system in Canada. 1900. ?1

Control of bovine tuberculosis; paper read before section VII of the International Congress on Tuberculosis, 1908 and 1910. 1910. ?

Directions for the use of the tuberculin test. 1895. ?1

Dourine in Canada, 1904-1920. History, research and suppression. 1920. 43p.

Fees for the inspection of animals imported to Canada. 1903. ?1

First steps toward cattle quarantine. 1878. ?1

Notes forming basis of agreement between Canada and the United States for removal of cattle quarantine. 1897.

^{1.} Items marked by ? have not been available for examination so that the paging is not known.

Notice. Glanders. 1906. ?1

On the prevention of tuberculosis in animals. 1899. ?

Orlers respecting foot and mouth disease, imports of animals, etc., 1915. 1915.

rape a referred to the Minister of Agriculture on the subject of the scheduling of Canada by the Board of Agriculture, san timed by order of Mis Excellency in Council, dated 23rd February, 1895. 1895. 43p.

Issued also as appendix to the Report of the Minister of Agriculture for 1894.

Regulations for the establishment and maintenance of tuberculosis free herds of cattle, by F. Torrance. [n.d.] 4p.

'exulations regarding the improvement of foreign wool and hair.

Regulations relating to animal quarantine, 1907. 1907. 16p.

1897-98, by Dr. Duncan McEachran. 1898. 64p.

The schelolicy of cattle in woland the Canalter wase; also reported to the Depart and all cases of a load diseases to 1857, during the existence of cattle quaranties. 1894.

Issued also as appendix to the Laport of the minister of Agriculture for 1893.

Sheep scab. 1897. ?1

Special report on glanders, or i. : Futherfice 1906. 21p.

Issued also in French.

Special report on Pictou cattle disease, 1906. 1907. 19p.

Special report on Sarcosporidiae and their ans ristion with "loco" disease and dourne, by 1. A. Watson, 1908. 12p.

Tuberculosis; a plain statement of facts resp. In the disease, prepared especially for farters, and others interested in live stock. 1911. ?1

^{1.} Items marked by ? have not been available for examination so that the paging is not known.

Biological Laboratory

Serials

Bulletin. 1904. no.1.

Discontinued after no.1.

Special Publications

Anthrax serum - Vaccin de charbon. ?1 ?1

Directions for cleansing and disinfecting premises after outbreak of cholera. 1903. ?1

Directions for sending pathological specimens for examination. 1900. ?1

Instructions for sending specimens for microscopic examination. 1923. ?1

Meat and Canned Goods Division

Special Publications

The Canadian meat inspection service, by J.G. Rutherford. 1910. 5p.

The meat and canned goods act and regulations made thereunder governing the inspection of meats... 1907. 23p.

Since 1923 this act with its amendments and regulations thereunder are included in the series Acts, orders and regulations.

International Institute of Agriculture

Serials

Bulletin of foreign agricultural intelligence. 1910-1916. [6v.]

From Oct., 1913 to Dec., 1913, this appeared under the title: Publications of the International Agricultural Institute.

Report. 1907-1925. [19v.]

In 1925 discontinued as a separate branch.

Library of the Department of Agriculture

Serials

Descriptive list of accessions. 1917- no.1-A mimeographed edition issued bi-monthly.

^{1.} Items marked by ? are unknown because the publication was not available for examination.

Live Stock Branch

(Sometimes cited as Live Stock Commissioner's Branch)

Serials

Booklet. 1913-1919. [4v.]

Bulletin, see Pamohlet.

Pamphlet. 1905-1917. no.7-22.

No.7-17 called Bulletin. No.18 never published. Usually published also in French. Continued as Dept. of Agriculture. Pamphlet, new series.

Report. 1908- [v.1-]

Issues for 1908-1912 were published by the Veterinary Director-General and Live Stock Commissioner. In 1913 the Branch was subdivided into two divisions and the report of the Live Stock Branch has since been published in the Report of the Milister of Agriculture.

Special Publications

The breeding in Canada of horses for army use, by J.G. Ritherford. c1904?; 9p.

Cattle trade of western Canada... special report. 1909. 23p.

A directory of the breeders of pure-bred live stock of the Dominion of Canada. 1901. 59p.

Same. 1910. 161p.

First annual convention of the National Association of Caladian Stock Breeders. 1904. 151p.

Second annual convention of the Canadian National Live Stock Association. 1905. 44p.

Second general convention of the National Live St. & Ass Maion. 1908.

Issued also in French.

The sheep industry in Canada, Great Britain and the United States; report of the Commissioners. 1911. 187p.

Swine hushandry in the United Kingdom and Denmark; report of the Canadian commission. 1909. 60p.

Same, 2nd ed. 1910. 61p.

Third general convention of the National Live Stock Association. 1912. 132p.

Issued also in French.

Cattle Division

Serials

The Canadian record of performance for pure-bred dairy cattle.

Regulations, standards and records of cows qualified for registration. Report. 1907- [v.1-]

Issued also in French.

Special Publications

The advanced registry policy for pure-bred service. 1929. 6p.

Beef chart. 1929. (Poster)

The beef grading service for the guidance of the consumer. 1929. 4p.

The beef grading service; its significance to the producer. 1929.

Boys' Cattle Breeding Club policy. 1929. 29p.

Horse Division

Federal assistance to horse breeding. 1915. 26p.

Markets Intelligence and Stock Yards Service

Serials

Live stock market and meat trade review. 1920- b.1-]

Published also in French.

The origin and quality of commercial live stock marketed in Canada. Report. 1918- ' no.1-

Special Publications

The safe handling of commercial live stock; a producer to consumer campaign. ?1 ?1

^{1.} Items marked by ? are unknown because publication was not available for examination.

Poultry Division

Serials

Canadian record of performance, section "A", for pure-bred noultry. Regulations, standards and records of fowls qualified for certificates. Report, record year. 1921- [v.1-]

Issued also in French.

Leaflet. 1915-1921. no.1-6.

Issued also in French.

Pamphlet. 1913-1916. no.1-8.

Issued also in French.

Special Publications

Approved chicks are good chicks produced by approved hatcheries operating under inspection and supervision of Dominion Department of Agriculture. 1932. Sp.

Canadian standards for eggs. [n.d.] (Poster)

Hatchery approval policy. Rules and regulations as revised 1932. 1932.

Phases of Empire trade development - Poultry. 1925. 15p.

Poultry - A farm asset; a seasonable hint as to the practical value of poultry on the Canadian farm. 1932. 6p.

Poultry marketing calendar, by W.A. Brown. 1915. (Card)

Regulations made under the provisions of the Live stock and Live stock production act respecting the grading and marketing of eggs... [n.d.] 13p.

Regulations respecting the grading and marketing of eggs. 1923.

Report of committee on dressed poultry standards. 1928. 150.

Sheep and Swine Division

Serials

Pamphlet. 1914-1919. no.1-19.

Special Publications

Boar grading. 1929. 3p.

Federal assistance to sheep breeding; ram grading. 1931. 4p.

Quality bacon for the consumer. 1930.. 4p.

. Publications Branch

Serials

Agricultural gazette of Canada. 1914-1924. v.1-11, no.2.

Published also in French.

List of publications available for distribution. 1912- no.1-

Since 1922 issued as Department of Agriculture. Pamphlet, new series. Through an error, the list for 1923 is given the same number as that for 1922.

Issued also in French.

Pamphlet. 1915-1920. no.1-8.

Usually published in French also.

Report. 1911- [v.1-]

Included in the Report of the Minister of Agriculture.

Special Publications

Canadian fruit, vegetables and honey. 1924. 32p.

Canadian live stock and meat industries. 1924. 32p.

Canadian wheat and wheat flour. 1924. 29p.

A review of the work of the experimental farms. 1913. 83p.

Cover title: The Dominion experimental farms; a review, 1886-1912.

Seed Branch

Serials

Bulletin. 1905-1915. no.1-9.

Published in French also.
Continued as Department of Agriculture. Bulletin, new series.

Pamphlet. 1918. no.1-12.

Usually published also in French. Continued in Department of Agriculture. Pamphlet, new series.

Report. 1904- [v.1-]
1904-1914 issued separately.
Usually issued in French also.
Continued in Report of the Minister of Agriculture.

Special Publications

Alleged violations of the Seed control act. 1905. ?1

Conditions of the trade in clover and grass seeds in the Province of British Columbia. 1907. ?1

The Feeding stuffs act, with the regulations made by the Minister of Agriculture. 1920. 7p.

The Fertilizers act, with the regulations made by the Minister of Agriculture. 1922. v.p.

Germination tests. [n.d.] 4p.

Macdonald Lloyd school fund - Prizes in seed grain competition.

Professor Robertson on the extension of nature studies. ?1 ?1

Results of germination tests of wheat, oats and barley from Manitoba, Saskatchewan and Alberta. 1912. ?1

The Seed control act with the regulations made by the Governor in Council. 1915. 8p.

Seed corn - Announcement regarding new control system. 1916. 4p.

Seed grain. 1916. 4p.

Seed testing. 1907. 4p.

Same. 1910. ?1

Same. 1912. 4p.

Same. 1917. 4p.

Summary of results and competitions in standing fields of seed grain - Manitoba, Saskatchewan, Alberta. ?1 ?1

Same. 1911. ? 1

Same - Ontario. 1907. ? 1

Same - Ontario, Quebec and P.E.I. 1908. 21

Same - Quebec, New Brunswick, Nova Scotia and Prince Edward Island.

Same. 1910. ?1

Same. 1911. ?1

^{1.} Items marked by ? are unknown because the publication has not been available for examination.

Same - Saskatchewan and Alberta. 1909. ?1

Same - Saskatchewan and Alberta. 1910. ?1

Summary of illustrated lectures on seed grain given at fineers' meetings in Manitoba, Saskatchewan and Alberta. 1905. ?

Fertilizer Division

Serials

A report of fertlizer analyses. 1922- [v.1-]

The first six reports are issued as Department of Agriculture. Pamphlets, new series 41, 57, 60, 75, 86, 98; subsequent reports in a separate annual series.

Markets Service

Serials

Clover and grass seed market report. 1930- no.1-

Feed market report. 1929- no.1-

Fertilizer and market report. 1929- no.1-

Field and garden seed imported into Canada. 1931- no.1-

Hay market report. 1929- no.1-

Seed crop report. 1929- no.1-

Seed, seed fertilizer markets. 1923-1928. [5v.]

Issued bi-weekly in French and English.

Seed imports. 1930-1931. no.1-2.

Seed market report. 1929-1930. no.1-2.

Sheep and Goat Division

Serials

Pamphlet. 1914-1919. no.1-19.

^{1.} Items marked by ? are unknown because the publication has not been available for examination.

Catalogues and Indexes

Dept. of Agriculture. Dominion Experimental Farms Branch

General index to the reports and bulletins of the experimental farms, 1887-1901. 1902. 194p.

List of publications issued from the Dominion Experimental Farms, 1887-1910. 1910. 13p.

Dept. of Agriculture. Library

Index to the publications of the Federal Department of
 Agriculture as follows: Bulletins, n.s. 1-100; Pamphlets, n.s.
1-100; Circulars, n.s. 1-70; Acts, orders and regulations,
1-29. 1930. 68p.

First issued in a mimeographed edition and later published as Dept. of Agriculture. Pamphlet, new series 122.

Dept. of Agriculture. Publications Branch

List of publications available for distribution. 1912- no.1-

Bibliography

Canada. Bureau of Agriculture. Report of the Minister of Agriculture. 1856-1863. [lov.]

Canada. Dept. of Agriculture. Report of the Minister of Agriculture. 1864- $\mbox{ Lv.l-}\mbox{]}$

Canada. Dept. of Agriculture. Publications Branch. The Department of Agriculture; its history, organization and work. 1933. 42p.

Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co. 1914-1917. 23v.

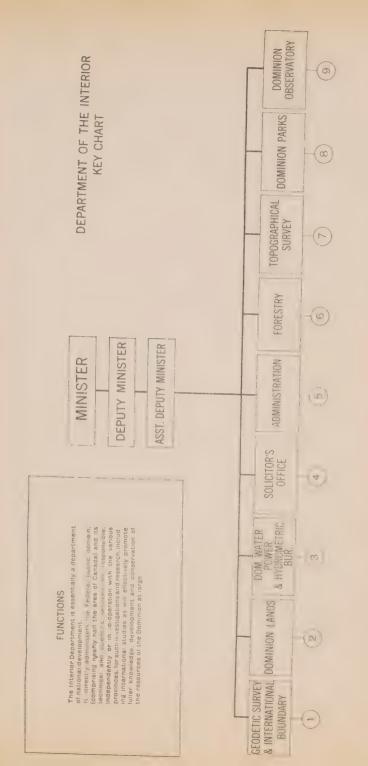
Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906- [v.1-]

Canadian almanac ... 1933. v.p., v.p. 1856?- [v.1-]

Gorham, R.P. The development of agricultural admints of in Upper Canada during the period before Confederation. 1932.

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CHAPTER IX

The Department of the Interior

History

The Department of the Interior was constituted in 1873¹ to take charge of those public lands not previously assigned to other departments, which included their development and the conservation of their natural resources. These lands consisted of the North-West Territories, previously administered by the Secretary of State for the Provinces, and of the ordnance and admiralty lands inherited from the Secretary of State. This latter official took over the correspondence between the provinces and the few remaining duties not assigned to the Department of the Interior, and the office of Secretary of State for the Proinces was abolished. In addition to the care of public lands, the administration of the Geological Survey and Indian affairs was assigned to the Department of the Interior.

It is easy to see why this has always been one of the basic departments, since on the administration of public lands and the conservation of their resources has depended the settlement of Canada and the establishment of many of its industries. Consequently there have been ever increasing and changing responsibilities, which have been divided among various branches of the Department. These branches have divided and subdivided as the exigencies of the case required, and in some instances the work of a branch has become so heavy as to require the organization of a separate department, as in the case of Indian Affairs. On the other hand, some responsibilities have been taken over by the provinces and

^{1. 36} Vict., Chap. 4.

others have decreased or ceased to exist. For example land settlement is at present less of a problem, due to economic conditions. On account of these many changes it is necessary to give in chronological order the various branches and the years of their service, in order to understand the sources of the publications that have been issued by the Department of the Interior during its long years of service.

Administration, 1873-

The work of administration has been variously divided as the exigencies of the time demanded, and these branches have reported their work under various names, but it is not necessary for our purpose to go into these details, since these are not publishing bodies, but carry the responsibility of general policies, accounting, etc.

Dominion Lands Branch, 1873-

Since the administration of public lands has always been a major function of the Department, it follows that this is and always has been a very busy and important branch. These public lands are scattered all over the Dominion, and are set aside for various purposes, so have recuired a different administration in almost every case. They include crown lands, military lands, federal reserves for all purposes and, since 1878, the ordnance and admiralty lands. In the early days their supervision entailed exploration, botanical and zoological as well as general land surveys, granting of homesteads, leasing of grazing lands, the establishment of land offices, the settlement of land claims, in fact every phase of the settlement and development of a new country. These varied duties have been divided among different

divisions of the Branch, and as responsibilities increased have been subdivided, in some cases, becoming independent branches or even new departments. On the other hand, some of the work of this branch has been taken over by the provinces, but when this occurred the Yukon and North-West Territories were transferred from the North-West Territories and Yukon Branch to the Dominion Lands Branch, and are one of its chief responsibilities. The rapid development of the North-West Territories has added greatly to the work of the Branch, since it supervises exploration and surveys, administers the care of the Eskimos, the protection of forests and game, cares for education, public health, property and civil rights and every thing of a local or private nature within the Territories. It also provides the agenda for the local Council which governs the Territories.

In general this branch cares for the protection and development of the public domain.

Ordnance and Admiralty Lands, 1873-1878

The work of this branch consisted of the sale of land and reporting thereon. During this period military land was also placed in its charge, and disposed of, except that actually needed for military purposes. In 1878 these lands were placed under the Dominion Lands Branch.

Indian and Indian Lands Branch, 1873-1880

The duties of this branch consisted of the making and enforcing of treaties, proposing legislation in regard to the Indians, apportioning lands, establishing Indian reserves,

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protection of the fishing rights of the Indians, leasing and sale of Indian lands, regulation of the liquor traffic, education and religious training of the Indians and the encouragement of industry. In 1880 it became an independent department.

Geological Survey, 1873-1890

A brief history of this branch may be found in the chapter on the Department of Mines, under which department it is now administered.

North-West Mounted Police, 1878-1883

During the period that the Force was under the Department of the Interior, its work was chiefly the protection of settlers in the northwest. This work is considered in detail in the section devoted to the Royal Canadian Mounted Police.

North-West Territories Branch, 1873-1898

The work of this branch consisted of supervision of every phase of the life of this district, including questions of general policy, boundary questions, the establishment of law and order, appointment of magistrates, the establishment of schools, the provision of medical care, the erection of publi buildings, road-making, protection of game, etc.

After 1898 most of the work of this branch was divided among various other branches, but was again united in one branch in 1922 under the title of the North-West Territories and Yukon Branch. In 1931, when the provinces assumed the responsibility for their own natural resources, the North-West Territories were assigned to the Dominion Lands Branch for administration.

Dominion Lands Survey, 1883-1922

The title of this branch has varied from time to time, sometimes being called Topographical Survey, sometimes Surveys Branch. Up to the war period, only land maps were made, but preliminary work was underway for the making of topographic maps, which has resulted in the valuable series being issued at the present time. A library was maintained for many years, and the publications of this branch are numerous and valuable. Half-Breed Commission, 1885-1890

This commission was created to deal with the claims of half-breeds to land grants in the newly organized Territory of Manitoba, and was abolished when its work was completed in 1390.

Rocky Mountains Park Branch, 1887-1909

The work of this branch was the surveying of the district, the care of visitors, the building of roads and bridges, the establishment of an hotel and sanitarium, the care of the hot springs, the establishment of a tree nursery, the mapping of the district, the taking of meteorological observations, the propogation of fish and game, the protection from forest fires, etc. etc.

In 1909 this branch came under the Dominion Parks Branch which included all national parks in Canada.

District of Keewatin, 1888-1905

This section of the North-West Territories became a separate district in 1838, and the work of its administration

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consisted of the establishment of a government, the care of its food and fuel supply, the regulation of the liquor traffic, the supervision of agricultural experimentation and the building up of transportation.

In 1905 this district was placed under the administration of the Forth-West Territories Branch, and in 1931, the North-West Territories were assigned to the Dominions Lands Branch for administration.

Immigration, 1893-1917

In 1893 the supervision of immigration was taken over from the Department of Agriculture. Immigration agencies were continued in foreign countries and throughout Canada, and medical inspection was given special attention, as was also juvenile immigration, and a special division of Uninese immigration was established during this period.

In 1918 a separate department of Immigration and Colonization was established which functions at the present time.

Forestry Service, 1898-1909, 1912-

Forestry was a subject of interest very early in the history of the Department of the Interior, and received some attention in the development of all sections of the public domain. In 1884 Mr. J. H. Morgan was appointed the head of a forestry commission to survey forest conditions and needs. He issued reports in 1885, 1888 and 1889 and also a pamphlet on tree culture.

A Forestry Branch was organized in 1898, and an Inspector of Timber and Forestry was appointed in 1899. The work of this branch was the development and protection of the forests of Canada, cooperation with the settlers in the planting of trees and the supervision of Forest Rangers and Crown Timber Agents.

From 1909 to 1912 this branch included all governmental irrigation work, and hydrometric surveys were made and irrigation projects supervised. It was then called Forestry and Irrigation Branch. In 1912 Forestry again became a separate branch.

The problems that confront this branch at the present time are the meeting of the drain on Canada's great forest resources caused by the spectacular rise of the paper pulp industry in Canada and the loss by fire, insects and wasteful exploitation. These problems are being met by means of forests inventories to ascertain the extent and distribution of Canadian forests, by laboratory studies on the elimination of waste, by experimentation in the rate of growth of Canadian trees and by studies of a better utilization of forest products. In addition market requirements are studied and Forest Reserves are supervised. The experimental studies are carried on in the Forest Products Laboratories in Ottawa. Montreal and Vancouver. The first laboratory was established in Montreal in 1913, and in 1918 the Vancouver Laboratory was organized for the study of British Columbia woods. In 1927 the main laboratory was transferred to Ottawa, and the Montreal Laboratory was organized for paper and pulp research.

Yukon District, 1898-1912

This district was, for the years indicated, under the supervision of a separate branch which regulated the sale of timber, mail service, liquor traffic, courts, agricultural experimentation, coal and food supply, the sale of land, etc.

From 1913 to 1923, the district was administered by the Lominion Lanas Branch, and from 1924-1931, it was administered by a newly organized branch called the North-West Territories and Yukon Branch. In 1931 such administration as is not undertaken by the local government, was assigned to the Dominion Lands Branch.

British Columbia Claims Branch, 1899

This branch existed for only one year, during which time it settled the land claims in the Esquimault and Nanaimo telts. Superintendent of Mines Branch, 1901-1907

An Assay Office was opened in Vancouver in 1901 under the Superintendent of Mines. Its chief work was the care of the minerals from the Yukon district. In 1907 this office came under the supervision of the Department of Mines.

Dominion Observatories, 1903-

While the Observatory was constituted in 1902, it was not completed until 1905. It operated under the same branch as the International Boundary Commission until 1916, when it became a separate branch. Since 1890, astronomical work has been carried on by the Chief Astronomer, and had chiefly to do with geographical observations, but with the completion of the Observatory, the scope of the work widened to include solar physics, astrophysics, photographic photometry, seismology,

terrestrial magnetism and gravity. In 1915 the Astrophysical Observatory was opened at Victoria, to meet the need for a larger telescope, and the work there, since that time, has included all branches of astrophysics.

The service of the observatories to the average man has been the furnishing of the correct time to the Dominion, the giving of correct latitude and longitude for land surveys, the study of earthquakes, the charting of the variations of the compass, furnishing means for the detection of minerals from the surface and many other things, too numerous to mention.

The branch has sometimes been designated as the astronomical Branch, but has been usually known as the Observatories.

International Boundary Commission, 1903-

The Canadian Branch of this commission first operated under the Topographical Survey, then in cooperation with the Chief Astronomer and in 1916 became a separate branch. In 1931 it was placed in the same branch with the Geodetic Survey. A detailed consideration of its work will be found in the section following the report of the Department of the Interior.

Railway and Swamp Lands Branch, 1904-1910

This branch administered railway lands and supervised the reclamation of swamp lands, but in 1911 this work was merged with the Water Power and Reclamation Service.

National Parks Branch, 1909-

This branch absorbed the work of the Rocky Mountain Parks Branch, and added to it the supervision of all the national parks of Canada, with headquarters at Banff. There are eighteen national parks which cover over 12,000 square miles, including four scenic parks in British Columbia, three in Alberta, one in Saskatchewan, one in Manitoba and three in Ontario. In addition there are three animal parks in Alberta and two historic parks in the Maritime Provinces. The main functions of this branch are the conservation of the scenic beauty and natural resources of these areas and the care of the throngs of tourists who every year seek recreation here. The latter function entails the up-keep of highways, the building of hotels and general care for the comfort and pleasure of the visitors. Other duties which come under this branch are the marking of historic sites by the Historic Sites Board, the supervision of fish hatcheries which keep the streams stocked, general oversight of the Alpine Club which has headquarters at Banff and administration of the Migratory bird act.

This branch has been designated at different times as the Dominion Parks Branch and the Canadian National Parks Branch, but is now called the National Parks Branch.

Geodetic Survey, 1909-

The geodetic survey of Canada was begun in 1905 under the general Surveys Branch. The need of a common basis for all

surveys in Canada had been felt for a long time, since each survey had adopted methods suitable for its own work, which caused confusion in maps, due to a difference in working methods. In 1909 the Geodetic Survey was organized as a separate branch. and is accomplishing work of the greatest importance, by determining the exact latitude and longitude of control points throughout Canada and making this information available to surveyors as a basis for topographical, geological, hydrographical and aerial surveys, and to engineers for work on railways, canals and water and irrigation enterprises. In addition it is determining with equal accuracy the altitude above sea-level of all points in Canada from the Atlantic to the Pacific. The magnitude of these undertakings may be appreciated when the extent and variety of the surface of Canada is considered. Beside its work in Canada. the Survey cooperates with other countries in improving methods. and in determining the size and shape of the earth. Aerial reconnaissance has been of the greatest assistance in all phases of this work, particularly in sections that are not easily accessible.

In 1931 the work of the International Boundary Commission was united with that of this branch.

Natural Resources Intelligence Bureau, 1910-1930

This important bureau acted as a clearing house for information from all sources in regard to the natural resources of Canada and related subjects. This information was disseminated

by means of reports, maps and charts, and a large collection of lantern slides, which were loaned to responsible persons and institutions. In addition, a card catalogue was kept of a vast store of information which was given out to inquirers by correspondence.

This service was somewhat curtailed in 1931, and the name of the branch changed to Natural Development Buresu. In 1933 the work was again curtailed, and all that remained was assigned to the Tourist's Bureau.

Geographer's Branch, 1911-1923

Geographical work has, naturally, always been an important part of the work of the Department of the Interior, and the office of Chief Geographer has existed since 1890. In 1911 this became a separate branch known as the Chief Geographer's branch, but in 1923 was merged in the Natural Resources Intelligence Bureau. The work, naturally, included mapping and the publication of the results of explorations.

Irrigation Branch, 1912-1918

As has been previously noted, irrigation was included in the forestry department from 1909-1912, when, due to the growth of the work, it was found necessary to create a separate branch. The supervision and inspection of irrigation projects was continued and hydrographic surveys were made as formerly, but the work of reclaiming swamp lands was very much increased.

In 1918 this work came under the Water Power and Reclamation Branch, and in 1931 was taken over by the provinces.

Water Power Branch, 1912-1924

This branch investigated and developed the water resources of Canada, and rendered a valuable service in the publication of Water resource papers. Storage of water was also a subject of investigation, and a water power exhibit was prepared for the Pan Pacific Exposition in 1915, in San Francisco. In 1924 this work was united with reclamation, and the department was called Water Power and Reclamation Branch.

Reclamation Service, 1918-1924

The work during this period consisted, of reclaiming swamp land, inspecting irrigation projects and making irrigation and drainage surveys. In 1924 reclamation was taken over by the Water Power and Reclamation Branch.

North-West Territories and Yukon, 1922-1931

The supervision of these districts was united in one department in 1922, and the work of development and law enforcement was continued. This branch also took over from the Department of Indian Affairs, the supervision of the Eskimos. In 1931 these districts again came under the general branch known as Dominion Lands.

Surveys Bureau, 1922-1931

The Topographical and Geodetic Surveys and the International Boundary Commission all came under one branch during the years

indicated, though each continued work in its own field quite independently. In 1931 the Topographical Survey again became an independent branch and the Geogetic Survey and International Boundary Commission remained under the same head.

Water Power and Leclamation Branch, 1924-1931

These two branches united for the period indicated, and at this time there was a considerable amount of power and storage investigation. In 1931 the supervision of reclamation was taken over by the provinces, and a new branch was formed called Water Power and Hydrometric Bureau.

Mining Supervision and Inspection Branch, 1928-1931

The work indicated by the title of the Branch was under the Supervisory Mining Engineer, and was carried on in connection with the mining lands of the Dominion until 1931, when this branch of the work came under the supervision of the provinces.

Water Power and Hydrometric Bureau, 1931-

This body at present cares for the water power of Canada, which is of course a tempendous responsibility. The duty consists of administering the <u>Dominion water power act</u> in the Yukon and North-West Territories and in Indian Reservations, subject to the provisions of the <u>Indian act</u>. Under the hydrometric survey it also collects statistics of water power and resources, maintains guaging stations in international waters, carries on investigations in connection with the Foundary waters treaty and attends to Lansda's share in regulating the levels of certain international

lakes and the flow of certain international rivers. In general the Hydrometric Eureau provides technical advice on international waterway problems.

Topographical Survey, 1931-

As has been previously noted the topographical surveying of Canada has been in progress for many years , but as organized in 1931 the work consists of the issue of a series of topographical sheets taken from the original ground surveys; the indexing of all aerial photographs taken by the Dominion Government Service; the issue of larger mosaic maps prepared from aerial photographs, and covering areas of special interest; cadastral surveys and phototypographic surveys of interesting areas, such as mountain tops and parts of northern Canada. The use of the aeroplane has added much to the value of this work, and has developed a new technique in map making. There are also many related duties such as the maintenance of a physical testing laboratory for the standardization of measurements, surveys for the settlement of boundary questions, the classification of land for settlement, etc.

Organization

As at present organized the Department of the Interior consists of the following branches:-

Dominion Lands Administration
Forestry Service
National Parks Branch
Water Power and Hydrometric Service
Topographical and Air Survey
Geodetic Survey and International Boundary Commission
Observatories.
Tourist Bureau

^{1.} See, Dominion Lands Surveys and Surveys Bureau, p.162.

The administrative officers of the Department are as follows:-

Minister of the Interior Private Secretary Deputy Minister Assistant Deputy Minister Assistant Secretary Financial Comtroller Departmental Solicitor Assistant Solicitor

Publications of the Department of the Interior

Note: Unless otherwise stated, publications are issued from Ottawa and by the Queen's or King's Printer.

Canada. Interior, Dept. of

Serials

Annual report of the Minister of the Interior. 1874- [v.1-]

Issued in Sessional papers, 1374-1924, in Annual departmental reports, 1925- • Issued separately also.

Issued also in French•

Handbook of information for intending settlers. 1913-[v.1-]
None issued in 1923.

Natural resources, Canada. 1921-1927. v.

Report of the proceedings of the annual convention of the Western Canada Irrightion Association. 1907-1919. 13v.

Report of the progress of Stream measurements, see Irrigation Branch. Report of Hydrometric Surveys.

Report of the Surveyor-General, see Topographical Survey.

Special Publications

Alberta red, the winning winter wheat ... 1910. 31p.

Atlas of Canada, prepared under the direction of James White...
Toronto, [n.p.] 1906. 21p. 46 maps.

Atlas of Canada ... 1908. 64p. maps.

... Atlas of Canada, rev. and enl. ed., prepared under the direction of J.E. Chalifour. 1915: 14p. 124 numb. 1.

Atlas of western Canada, showing maps of the provinces of Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island, Manitoba, British Columbia and districts of Assimibola, Alberta, Saskatchewan, Athabasca, New Ontario, Lake St. John, Great Britain and Ireland, the world and the Dominion of Canada.. 1901. 40p.

Canada, an account of its resources and development, 1904. 90p.

Canada, the land of opportunity ... 1910. 31p.

Canada West, the last, best West; ranching, dairying, grain raising, fruit raising, mixed farming ... 1911. 41p.

Canada's farthest south, Niagara and Lake Erie fruit district ... 1911. 48p.

Canadian national park. [n.d.] 63p.

... Correspondence and papers, including financial statement, relating to seed grain distribution of 1908 in the provinces of Saskatchewan and Alberta. 1909. 208p.

The country called Canada [by] H.A. Kennedy ... 1911. 48p.

Description of and guide to Jasper Park. 1917. 97p.

Jescriptions of the townships of the North-West Territories ... 1886. 3v.

Dictionary of altitudes in the Dominion of Canada, with a relief map of Canada, by James White. 1903. 143p.

Dominion lands. Hand-book for the information of the public... 1920. 48p.

Same, ed. of 1st August, 1922. 1922. 46p.

Same, ed. of 15th June, 1928. 1928. 48p.

Issued also in French.

Extracts from surveyor's reports of township surveys in Manitoba and the North-West. 1884. 183p.

Geography of the Dominion of Canada and atlas of western Canada ... 1902. 2v.

Same, 1903 ed. 1904. 641p. maps.

- A guide to homesteaders in Manitoba and the territories of western Canada; hints to settlers... 1898. 29p.
- The heart of Canada; orchard and dairy region of Lake Ontario, by H.A. Kennedy.... [1911] 46p.
- The Hudson Bay route, a compilation of facts with conclusions, by J.A.J. McKenna ... 1908. 54p.
- Immigration facts and figures. 1911. 22p.
- Same. 1916. 32p.
- ... Information for homesteaders and intending settlers on dominion lands in the kailway Belt of British Columbia. 1923.
- . Information respecting the Yukon district from the reports of .Wm. Ogilvie and from other sources. 1897. 66p.
 - ... Joint report of W.F. King, Chief Astronomer of the Department ... and Otto H. Tittman of the U.S. Coast and Geodetic Survey, the commissioners appointed under the modus vivendi agreed to between Great Britain and the United States on the 20th of October, 1899, to report in regard to the provisional boundary between the Territory of Alaska and the Dominion of Canada, about the head of Lynn Canal; also maps accompanying ... and joint report of W.F. King, Chief Astronomer of the Department ... and Otto H. Tittman of the U.S. Coast and Geodetic Survey...
 - The Klondike official guide; Canada's gold field, the Yukon district; prepared by Wm. Ogilvie. Toronto, [n.p.], 1898. 154p.
 - ... Mining Lands Branch regulations governing placer mining in Manitoba, Saskatchewan, Alberta and the North-West Territories of Canada... 1927. 18p.
- New Brunswick, Canada. The country and its people and the opportunity it offers to other people. 1910. 68p.
- New northwest exploration. Report of exploration by Frank J.P. Crean, C.E. in Saskatchewan and Alberta, north of the surveyed area, seasons 1908 and 1909. 1910. 115p.

Reprinted in 1911.

- ... Northland exploration; by Frank J.P. Crean, in Saskatchewan, between the Saskatchewan and Churchill Rivers, season of 1908. 1909. 44p.
- Nova Scotia, Canada; the country and its people and the opportunity it offers to other people ... 1910. 63p.
- An official handbook of information relating to the Dominion of Canada... 1893. 88p.

Same, 1896. 88p.

Same, 1897. 115p.

- Prince Edward Island, the Emerald Isle of the New World ... 1909. 31p.
- The prince of playgrounds, come home by Canada and revel in the Rockies; beautiful Banff ... [1911] 38p.
- Provisional district of the Yukon, Canada; regulations governing placer mining, also the issue of leases to dredge for minerals in the beds of rivers. 1898. 12p.
- ... Regulations for Dominion Forest keserves (Consolidated for home use) 1927. ?1
- Regulations for Dominion Forest Reserves (Consolidated for office use) 1927. 30p.
- Regulations for placer mining along the Yukon River and its tributaries, North-West Territories. 1897. 6p.
- Regulations for the disposal of coal mining rights in school lands ... 1928. 4p.
- Regulations for the disposal of quartz mining claims on dominion lands in Manitoba, the North-West Territories and the Yukon Territory ... 1899. 31p.
- Regulations for the survey, administration, disposal and management of dominion lands within the forty-mile Railway Belt, in the Province of British Columbia. 1893. 23p.
- Report of exploratory survey to Hudson's Bay, by Wm. Ogilvie. 1891. 26p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

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- Report of the triangulation of the Railway Belt of British Columbia, between Kootenay and Salmon Arm bases, surveyed by P. A. Carson and M. P. Bridgland. 1915. 81p.
- ... Service administratif des terres fédérales. Renseignements pour le public. Ed. du 15 juin, 1928. 1928. 61p.
- Special report on immigration, dealing mainly with cooperation between the dominion and provincial governments, and the movement of the people from the United Kingdom to Canada, by Arthur Hawkes, Commissioner. 1912. 93p.
- Statistics of the Dominion of Canada. 1911. 22p.
- Truths about the Klondyke ... 1897. 59p.
- Twentieth century Canada, and atlas of western Canada for the guidance of intending settlers its resources and development, with maps ... 1905. 40p. maps.
- Western Canada. Delegates' reports and settlers' experiences ... 1899. 142p.
- Western Canada and its great resources; the testimony of settlers, farmer delegates and high authorities, with a preface on the causes of failure and success in N-W farming. 1893. 38p.
- The wonders of western Canada; a U.S. press correspondent's graphic description and other testimonials. 1899. 31p.
- The Yukon Territory, its history and resources... 1909. 140p. Same. 1916. 233p.

Maps

Elevator map of Manitoba. [n.d., ?1

Map of the country between Lake Superior and Winnipeg. 1884. ?1

Map of the Dominion of Canada. 1903. ?1

Map of the Dominion of Canada, illustrating the water power of Canada. 2nd ed. 1900. ?1

Map of the world. 1930. ?1

Provincial series of resource maps. 1930. [no.l-] (Scale varies)

Relief map of the Dominion of Canada. 1903. ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Resource map of Canada. 1930. 230 mi. to 1 inch.

Resource map of the Dominion of Canada. 1905. 20 sheets. 100 mi. to 1 inch.

Reprinted in 1908.

Astronomical Branch

Serials

... Report of the Chief Astronomer. 1904-1912. v.

In Sessional papers, 1905-1912, usually issued separately also.

Special Publications

Certain correspondence of the Foreign Office and of the Hudson's
Bay Co., copied from original documents, London, 1898 [Otto
Klotz] 1899. v.p.

This work was done under the Chief Astronomer before the Astronomical Branch was created.

Canadian National Parks, see, National Parks Branch
Dominion Lands Administration. 1

Note: Publications of all divisions of this branch are included under <u>Dominion Lands Administration</u>. To enter under separate divisions would be confusing, as there have been numerous changes in organization.

Serials

Annual report of the Commissioner of Dominion Lands. 1874-

Title varies.

Report of the Controller of School Lands. 1880-1931. v.

Report of the Controller or the Lands. Patent Branch. 1884-1931.

Title varies.

Report of the Controller of the Timber and Grazing Land Branch. 1880-1931. v.

Report of the Superintendent of Mines. 1901-1907. v.

Continued as Dept. of Mines. Mines Branch. Summary report, 1907-

^{1.} Until 1931 known as Dominion Lands Branch.

Report of the Superintendent of the Mining Land Branch. 1880-1931. v.

Title varies.

Special Publications

Alkali mining regulations. [1921] 11p.

Asbestos, its occurrence, exploitation and use, by Fritz Cirkel. 1905. 69p.

Carbon black regulations. 1924. ?1

The Great Mackenzie Basin ... 1908. 80p.

Manual of instructions for the survey of dominion lands. 1910.

... Mica, its occurrence, exploitation and uses, [by] Fritz Cirkel. 1905. 148p.

North-West Territories. 1930. 137p.

Same, 1933. 15p.

North-West Territories game regulations. Handbook for the information of the public. 1933. 32p.

- ... On the location and examination of magnetic ore deposits by magnetometric measurements, by Eugene Haanel. 1904. 129p.
- ... Preliminary report on the experiments made at Sault Ste. Marie, Ont., under government auspices, in the smelting of Canadian iron ores by the electro-thermic process, by Eugene Haanel... 1906. 23p.
- ... Preliminary report on the industrial value of the clays and shales of Manitoba, by J.W. Wells. 1905. 4lp.
- ... Preliminary report on the limestones and lime industry of Manitoba, by J. Walter Wells. 1905. 68p.
- ... Preliminary report on the raw materials, manufacture and uses of hydraulic cements in Manitoba. 1905. 70p.

^{1.} Items marked by ? are unknown because publication is not available for examination.

- Preparing lands for grain crop. Prepared by the Railway Lands Branch. 1914. ?1
- ... Regulations for the disposal of coal mining rights.
 Printed in 1929, superseding with amendments, regulations
 printed in 1926. 1929. 14p.
- Regulations for the disposal of coal mining rights.

 The property of the Crown. Printed in 1930, superseding, with amendments regulations printed in 1929. 1930. 14p.
 - ... Regulations for the disposal of petroleum and natural gas rights. The property of the Crown. Printed in 1928, superseding regulations printed in July and November, 1926. 1929. 32p.
 - ... Regulations for the disposal of petroleum and natural gas rights. The property of the Crown. Printed in 1930, superseding regulations printed in 1928. 1930. 36p.
 - ... Regulations for the disposal of petroleum and natural gas rights in Grown reserves under the provisions of the order-in-council of the 29th of October, 1920. 1929. 7p.
 - ... Regulations for the disposal of quartz mining claims on dominion lands in Manitoba, Saskatchewan, Alberta and the North-West Territories... 1928. 39p.
 - ... Regulations for the disposal of quartz mining claims on dominion lands in Manitoba, Saskatchewan, Alberta and the North-West Territories... Effective 1st April, 1929...
 - ... Regulations for the issue of oil and gas permits and leases in the North-West Territories of Canada, approved by order-incouncil dated the 22nd of February, the 24th March, the 22nd April, the 7th May, the 15th June, 1921, the 21st April and the 16th October, 1922. Superseding, with amendments, regulations printed in August, 1924. 1929. 16p.
 - ... Regulations for the leasing and administration of lands containing limestone, granite, slate, marble, gypsum, marl, gravel, sand, clay, volcanic ash or any building stone in the provinces of Manitoba, Saskatchewan, Alberta and the North-West Territories. 1929. 13p.
 - ... Regulations governing placer mining in Manitoba, Saskatchewan, Alberta and the North-West Territories of Canada... 1928. ldp.

Same, 1929. 18p.

^{1.} Items marked by ? are unknown because publication is not available for examination.

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- Report of the commission appointed to investigate the different electrothermic processes for the smelting of iron ores and the making of steel in operation in Europe. 1904. ?
- Report of the commission appointed to investigate the zinc resources of Eritish Columbia, and the conditions affecting their exploitation. 1906. 399p.
- Report on mining conditions in the Klondike, Yukon, by Eugene Haanel. 1902. ?1
- ... Report on the experiments made at Sault Ste. Marie, Ont., under government auspices, in the smelting of Canadian iron ores by the electrothermic process, by Eugene Haanel... 1907. 149p.
- Report on the great landslide at Frank, Alberta, by R. G. McConnell and R. W. Brock. 1903. ?1
- ... A summary of regulations and departmental rulings relating to dominion lands for the guidance of agents, sub-agents and other officials. 1928. 83p.
- A two sheet map of Alberta showing the coal mining rights disposed of. [n.d.] ?1

The unexploited West, by E.J. Chambers. 1914. v.p.

Dominion Lands Branch, see Dominion Lands Administration

Dominion Observatories

Publications. 1913- v.1-

Up to the present time 6 volumes have been issued which include studies of such subjects as: precise levels, radial velocity, measures, gravity, seismology, numerous astronomical subjects, etc.

Dominion Parks Branch, see National Parks Branch

^{1.} Items marked by ? are unknown because publication is not available for examination.

Forestry Service

Serials

Bulletin, 1904- no.1-

Representative titles are: Native trees of Canada, Tree planting on the prairies, etc. Includes bulletins from the rorest Products Laboratories in Ottawa, Montreal, and Vancouver.

Occasionally issued also in French.

Circulars. 1901- no.1-

Representative titles are: Preservative treatment of fence-posts. Stain and decay in lumber-seasoning varies, Creosote treatment of Douglas fir. etc. Includes circulars from the Forest Products Laboratories in Ottawa, Montreal, and Vancouver.

Occasionally issued also in French.

Forestry topics. 1924- no.1-

Representative titles are: Silviculture in Canada, Forest fire protection in Canada, The need of a definite forest policy, etc.

Report. 1899- Lv.1-]

1899-1900 issued as Report of the Chief Inspector-of Timber and Forestry; 1901-1911 as Report of the Superintendent of Forestry; 1912- as Report of the Director of Forestry.

Report of Mr. J. H. Morgan. 1884, 1885, 1889, 1890. v.

In Dept. of the Interior. Report, 1884, 1889, others issued separately.

Tree pamphlets. 1923- no.1-

Representative titles are: White pine, White spruce, Sitka apruce, etc.
Occasionally issued also in French.

Special Publications

... Aircraft in forestry; containing air operations for forest fire protection, by Col. H.I. Stevenson ... and Aerial surveys of Canada, by A.M. Marraway ... (Papers presented to the third British Empire Forestry Conference, held in Australia and New Zealand, August to October, 1928) 1928.

Betty in dreamland. 1927. 8p.

Juvenile.

Bow River National Forest. 1926. 8p. (Folder)

Dominion Forest Service message code. 1920. ?1

The enchanted study. [n.d.] 5p.

Juvenile.

Forest facts. [n.d] 71

Forest fire protection in Canada; progress since 1923, by D. Roy Cameron... (Paper presented to the third British Empire Forestry Conference, held in Australia and New Zealand, August to October, 1928) 1928. 14p.

... Forest research manual, by W.G. Wright... W.M. Robertson ... and G.A. Mulloy ... 1925. 93p.

... Forestry lessons, arranged by the Forest Service of Canada. 1928. 64p.

... The forests of Canada: their extent, character, ownership, management, products and probable future. Prepared in cooperation with the Dominion Bureau of Statistics. 1923.

Same, rev. 1928. 56p.

Form-class volume tables. 1930. 200p.

Manual methods of communication adapted to forest protection. 1920. 230p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

School programme, 1928. 16p.

Issued also in French.

- ... Silvicultural research in Canada, by W. M. Robertson... (Paper presented to the third British Empire Forestry Conference, held in Australia and New Zealand, August to October, 1928) 1928. 20p.
- ... Softwood resources of Canada, by Roland D. Craig ... (Paper presented to the third British Empire Conference, held in Australia and New Zealand, August to October, 1928) 1928. 8p.

State forests in Canada. 1928. 10p.

- ... The talking trees and Canadian forest trees. 1921. 32p.

 Juvenile.
- ... The Tree Planting Division: its history and work, by Norman M. Ross. 1923. 14p.
- ... Tree planting in the Prairie Provinces of Canada, by Norman M. Ross ... (Paper presented to the third British Empire Forestry Conference, held in Australia and New Zealand, August to October, 1928) 1928. 10p.

Trees of the Lord. 1928. 8p.

Juvenile.

The woodland fairy. [n.d.] 15p.

Juvenile.

Forest Products Laboratory, Montreal

Note: Due to the fact that the Ottawa and Montreal laboratories formerly operated as one organization, there is much overlapping in the dates and subject matter of the publications included in the lists sent out by each laboratory. The list that follows gives publications exactly as claimed by each laboratory, except in cases where both claim the same one, when it is assigned to the laboratory where its subject seems logically to belong.

Serials

Bulletins, see Forest Service, Bulletins,

This laboratory contributes bulletins to the general series of the Forest Service.

^{1.} Now distributed by the Dept. of Agriculture. Publications Division.

Quarterly review. 1930-[v.1-]

Made up of mimeographed reports.
Circulation limited to technical men in the Canadian pulp and paper industry.

Research notes of the Division of Pulp and Paper. 1925-1930. 3v.

Distributed only to members of the Pulp and Paper Association. Discontinued.

Special Publications

Action of chloral on cellulose. An investigation of the reaction products formed by treating cellulose, starch and glucose with a mixture of chloral and sulphuric acid, by J. H. Ross, and J. N. Payne. 1923. 4p.

Reprint from the <u>Journal</u> of the American Chemical Society, October, 1923.

Alcohol from waste sulphite liquor, by Erik Hagglund. Translation by O. F. Bryant. [1918] 21p.

Reprint from Pulp and paper marazine, Dec.6, 13, 20, 1917.
The article appeared in condensed form in haper, Dec.26, 1917Jan.16, 1918.

Alexander's stain for fibre analysis of paper, by E. P. Cameron. 1924. lp.

Reprint from Paper trade journal, April 10, 1924.

Alkalinity in bleaching, by F. H. Yorston. 1972. 4p.

Reprint from Pulp and paper magazine, April, 1932.

Alpha cellulose, by J. H. Ross. 1929. 17p.

Reprint from the Pulp and paper magazine, March 14, 1929.

Baryta resistance, by J. H. Ross and A. L. Davidson. 1926. 2p.

Reprint from the Pulp and paper magazine, April 4, 1929.

Bleaching studies. I, A description of an integrator for the Hess-Ives tintometer, by F. H. Yorston. 1930. 3p.

Reprint from the Pulp and paper magazine, March 5, 1931.

Bleaching studies. II, Measurement of hydrogen ion concentration of bleach liquors with the glass electrode, by F. H. Yorston. 1930. 2p.

Reprint from the Pulp and paper magazine, March 12, 1931.

Burnt cooks. Some factors influencing the blackening of sulphite pulps during cooking, by W. H. Birchard. [1927] 2p.

Reprint from Paper trade journal Dec. 1, 1927.

Calibration of Canadian standard freeness tester, by W. B. Campbell and W. E. Adlington. 1930. 2p.

In Research notes, v.3, 1930. Published also in the Pulp and paper magazine, Jan.1, 1931;

Campbell's freeness tester for pulps. [1927] 1p.

Reprint from the Paper trade journal, Oct.20, 1927.

Chemical analysis of woods, by Bjarne Johnsen. [1915] 5p.

Reprint from the <u>Pulp and paper magazine</u>, Dec.1, 1915.

Chemistry of sulphite cooking, by W. H. Birchard. [1927]

Reprint from Paper trade journal, Sept.22, 1927.

Chestnut lignocellulose, by J. H. Ross and A. C. Hill. 1929.

Reprint from the Pulp and paper magazine, March 27, 1930.

The classification of pulp by selective screening, by J. S. Hart, H. R. Patton and H. Wyatt Johnston. [1932] 7p.

Reprint from the Pulp and paper magazine, Feb.25, 1932.

Comparative sheet machine test, by C. Alexander, G. D. O. Jones, A. Legendre, R. Patton, T. Myberg and W. E. Adlington. [1932] 4p.

Reprint from the Pulp and paper magazine, Feb.11, 1932.

Comparison of the British and Canadian disintegrator, by A. Legendre, G. D. O. Jones and W. E. Adlington. [1932] 2p.

Reprint from the Pulp and paper magazine, Feb. 11, 1932.

Comparison of the British and Canadian methods of sheet formation, by W. E. Adlington, J. D. O. Jones, C. Alexander and A. Legendre. [1931] 5p.

Reprint from the Pulp and paper magazine, June 25, 1931.

Control testing of wood and pulp, by E. P. Cameron. [1926]

Degradation of cellulose by sulphite acid, by W. H. Birchard. [1928] 4p.

Reprint from the <u>Journal of the Society of Chemical Industry</u>, v.47, p.29-52, 1928.

The determination of lignin by means of formaldehyde and sulphuric acid, by J. H. Ross and A. C. Hill. 1929. 4p.

Reprint from the Pulp and paper magazine, April 11, 1929.

The determination of lignin by means of formaldehyde and sulphuric acid II, by J. H. Ross and J. G. C. Potter. 1929. 3p.

Reprint from the Pulp and paper magazine, april 24, 1930.

Determination of the effect of pressure on the strength of test sheets in the strength testing of pulps, by E. P. Cameron. [1923] 9p.

Reprint from the Pulp and paper magazine, Feb.21, 1923.

The Division of Pulp and Paper, Forest Products Laboratories of Canada. Its equipment and work, by £. P. Cameron. [1925] 7p.

Reprint from the Pulp and paper magazine, no.136-142, 1925.

Effect of oven drying on strength of test sheets, by E. P. Cameron. [1924] 3p.

Reprint from the Pulp and paper magazine, April 24, 1924.

The effect of variables in the soda process, by C. R. Mitchell, G.J.C. Potter and J. H. Ross. [1932] 5p.

Reprint from the Pulp and paper magazine, March, 1932.

Equilibria in sulphur dioxide solutions, by W. Boyd Campbell. 1929. 14p.

Reprint from the Pulp and paper magazine, May 1-22, 1930.

Estimation of cellulose in wood, by J. H. Ross, A. L. Davidson and E. O. Houghton. 1929. 2p.

Reprint from the Pulp and paper magazine, June 20, 1929.

The estimation of reducing sugars, by J. H. Ross. 1929. 2p.

Reprint from the Pulp and paper magazine, Feb.27, 1930.

Fibre strength aspects of newsprint manufacture, by G. D. O. Jones, T. W. Ross and H. Wyatt Johnston. [1933] 6p.

Reprint from the Pulp and paper magazine, May, 1933.

Forest Products Laboratories studies affecting groundwood manufacture, by W. Boyd Campbell. [1933] 3p.

Reprint from the Pulp and paper magazine, August, 1933.

The formation of paper, by W. Boyd Campbell. 1930. 3p.

Reprint from the Pulp and paper magazine, March 26, 1931.

Fractional precipitation of alkali lignin, by F. H. Yorston. 1929. lp.

Reprint from the Pulp and paper magazine, Feb. 13, 1930.

Freeness testing, by W. B. Campbell. 1930. 6p.

Reprint from Research notes, v.3, 1930. Published also in Fulp and paper magazine, Feb.12, 1931.

Further notes on the effect of pressure on the strength of test sheets, by E. P. Cameron and J. M. Payne. [1924] 8p.

Reprint from the Pulp and paper magazine, Jan. 17, 1924.

Groundwood studies at the Forest Products Laboratories of Canada, by H. Wyatt Johnston. [1933] 5p.

Reprint from the Pulp and paper magazine, Sept., 1933.

The hand-sheet machine as a means of forming test sheets in the strength of testing pulps, by E. P. Cameron and J. M. Payne, 1924. 6p.

Reprint from the Pulp and paper magazine, April 3-10, 1924.

Hydration of cellulose by beating, by 3. Boyd Campbell. 1929. 6p.

Reprint from the Pulp and paper magazine, Feb.6, 1930.

An inexpensive conductivity cell, by W. Boyd Campbell. [1929]

Reprint from the Journal of the american Chemical Society, v.51, p.2419.

The influence of bleaching on the viscosity of soda pulps, by J. H. Ross, C. R. Mitchell and F. H. Yorston. 1930. 3p.

Reprint from the Paper trade journal, Nov.13, 1930.

Injurious rosin in sulphite pulp, by Bjarne Johnsen. [1917]

Reprint from the Pulp and paper magazine, June 14, 1917.

Measurement of consistency by light absorption, by J. S. Hart, O. Maass and H. W. Johnston. 1930. 3p.

Reprint from the Pulp and paper magazine, Jan.29, 1931.

Measuring drainage time with the British sheet machine, by W. B[oyd] Campbell. [n.d.] 3p.

Reprint from the Fulp and paper magazine, v.34, p.95., [n.d.].

Method for the formation of test sheets of wood-pulp, by E. P. Cameron. [1922] 5p.

Reprint from the <u>Pulp and paper magazine</u>, Dec.21, 1922, where it appeared under the title, <u>Routine method for the examination of wood-pulp</u>, etc.

National research, by W. Boyd Campbell. [1918] 6p.

Reprint from the Pulp and paper magazine, Oct. 3-10, 1918.

Notes on the Roe-Genberg chlorination number of pulp, by F. H. Yorston. 1929. 2p.

Reprint from the Pulp and paper magazine, Jan. 22, 1931.

Penetration studies. I. The path of liquid penetration in jack pine, by H. W. Johnston and O. Maass, 1929. 31p.

Reprint from the Canadian journal of research, v.3, p.140, 1930.

Penetration studies. II. The role of penetration in the processes for pulping wood, by H. W. Johnston and O. Maas. 1930. 5p.

Four aspects of penetration are discussed:

1. Entry of liquid into fibre cavity

Diffusion through wall of cavity
 Loosening of cementing matrix.

4. Circulation of reagents into, and of reaction products out of the fibre cavity

Reprint from Pulp and paper magazine, April 16, 1931.

A physical theory of the beating process, by W. Broyd, Campbell. 1932. 5p.

Reprint from Paper trade journal, Aug. 25, 1932.

Pitch troubles - a review, by G.J.C.Potter. 1929. 3p.

Reprint from the Pulp and paper magazine, March 6, 1930.

Practical research at the Institute, by E. P. Cameron. [1929] Sp.

Reprint from the Pulp and paper magazine, July 4, 1929.

A proposed standard instrument for the classification of papermaking fibres according to length, by G. D. O. Jones, C. Alexander, T. W. Ross and H. Wyatt Johnston. [n.d.] 6p.

Reprint from the Pulp and paper magazine, v.34, p.117.

Proposed standard method of testing pulp for strength (Non-beating test), by E. P. Cameron. [1925] 2p.

Reprint from the Pulp and paper magazine, March 5, 1925.

The pulp and paper industry in Canada, by O. F. Bryant. 1917; 18p.

Reprint from the Pulp and paper magazine, Jan. 4, 1917.

Pulp and paper research in Canada, by E. P. Cameron. 1928.

Paper presented at the third British Empire Forestry Conference held in Australia and New Zealand, August to October, 1928.

Pulping qualities of fire-killed wood, by E. P. Cameron and W. C. Lodge. [1924] 5p.

Reprint from Paper trade journal, Nov. 6, 1924.

Research for the pulp and paper industry, by W. Boyd Campbell. 1916. 2p.

Reprint from the Pulp and paper magazine, Nov. 7, 1918.

Research on sulphur dioxide solutions, by W. B_coyd₃ Campbell. 1928. 2p.

Reprint from the <u>Pulp and paper magazine</u>, no. 128, p.330, 1928.

Feview of current investigations at the Division of Pulp and Paper, by E. P. Cameron. 1931. bp.

Reprint from the Pulp and paper magazine, Feb. 5, 1931.

The so-called copper number of pulps, by J. H. Ross, H. P. Stockwell and A. C. Hill. 1926. 7p.

Reprint from the Pulp and paper magazine, March 28, 1929.

Soda process studies. I. Effect of high concentration in cooking.

Pt. 1, by J. H. Ross. 1929. 2p. Pt. 2, by J. H. Ross and W.E. Adlington. 1929. 2p

Reprint from the Pulp and paper magazine, April 3-10, 1930.

Soda process studies. II. The effect of concentration on quality. Pt. 1, by J. H. Ross and C. R. Mitchell. 1929. lp.

Published also in the Pulp and paper magazine, April 17, 1930.

Soda process studies. III. Effect of alkali solutions on sulphite pulp, by J. H. Ross and C. R. Mitchell. 1930. 3p.

Published also in the Pulp and paper magazine, March 19, 1931.

Some recent researches on pulp qualities, by W. B[oyd] Campbell. [1972] 5p.

Reprint from the <u>Fulp and paper magazine</u>, February 11, 1932.

Standard freeness tester: consistency correction table. 1925. lp.

Standard freeness tester: temperature correction table. 1925. lp.

The standardization of the freeness test, by E. P. Cameron. 1925. 3p.

Reprint from the Pulp and paper magazine, Intern. no.155-157, 1925.

Standards for the evaluation of the quality of pulp, by J. H. Ross.

(Not yet published).

Studies in the manufacture of groundwood pulp, by H. W. Johnston. [1931] 12p.

Reprint from the Pulp and paper magazine, February 5, 1931.

Sulphite pulp losses, by O. F. Bryant. [1915] 2p.

Reprint from the Pulp and paper magazine, March 1, 1915.

Sulphur dioxide solutions, by W. B[oyd] Campbell. 1927. 3p.

Reprint from the Pulp and paper magazine, Intern. no.140-142, 1927.

The use of Canadian talc in paper-making, by W. C. Lodge. [1924] 3p.

Reprint from the Pulp and paper magazine, January 24, 1924.

The use of concentrated alkali in pulping, by W. E. Adlington and J. H. Ross. [1932] 5p.

Reprint from the Pulp and paper magazine, Feb.25, 1932.

Forest Products Laboratory, Ottawa

Note: Due to the fact that the Ottawa and Montreal laboratories formerly operated as one organization, there is much overlapping in the dates and subject matter of the publications included in the lists sent out by each laboratory. The list that follows gives publications exactly as claimed by each laboratory, except in cases where both claim the same one, when it is assigned to the laboratory where its subject seems logically to belong.

Serials

Bulletins, see Forest Service. Bulletins.

The Forest Products Laboratory, Ottawa contributes bulletins to the general series issued by the Forest Service.

Circulars, see Forest Service. Circulars,

The Forest Products Laboratory, Ottawa contributes circulars to the general series issued by the Forest Service.

Special Publications

- Note: Articles by members of the Staff that were published in periodicals are not included unless reprinted by the Laboratory.
- The artificial silk industry of Canada, by M. J. Brophy. 1928. 3p.
- Blue stain: a cause of serious loss to manufacturers of white pine lumber, by Clara W. Fritz. 1928. 8p.

Reprint from the Canada lumberman, Aug. 15, 1929.

Same, 1929. 20p.

- The calculation of the mean fibre length of a tree, by W. B. Stokes. [1921] 9p.
- Canada balsam: a review of the literature pertaining to the oleo-resin of the balsam fir, by F. G. Marriott. 1932. 6p.
- Canada's forestry awakening, by A. C. McIntyre. [1913] 9p.

Reprint from the Southern lumberman, December, 1913.

Canada's new Forest Products Laboratories, by A. C. McIntyre. [1913] 6p.

Reprint from Journal of commerce, Montreal, Oct.9, 1913.

Canadian red pine as interior trim, by W. J. LeClair. 1931. 5p.

Canadian wood oils for ore flotation, by R. E. Gilmore and C. S. Parsons. [1917] 44p.

Reprint from Monthly bulletin of the Canadian Mining Institute, October and November, 1917.

Cedar leaf oils. A review of available information, by C. Greaves. [1932] 16p.

The chemistry of papermaking fibres, by J. S. Bates. 1915. 3p.

Read before the Canadian Pulp and Paper Association. Technical Section, June 19, 1915. Printed in the Pulp and paper magazine, July 1, 1915.

A colour test for chloroform and chloral-hydrate, by J. H. Ross. [1923] lp.

Reprint from the <u>Journal of biological chemistry</u>, December, 1923.

Comparison of some of the properties of birch and maple after impregnation with linseed oil, by J. F. Harkom and C. Greaves. [1931] 26p.

Data concerning the life of wood tanks in the pulp and paper industry, compiled by M. J. Brophy. 1931. 12p.

Decay in pulpwood - deterioration in pulp, by R. J. Blair. [1920] 12p.

Reprint from Pulp and paper magazine, April 29, 1920.

Decay in textile mill roofs, by R. J. Blair. [1919] 12p.

Reprint from Canadian textile journal, March 4, 1919.

The decay of timber in buildings, by R. J. Blair. [1917] Ep.

Published in the National Association of Cotton Manufacturers, Transactions, 1917.

Decayed wood and the fungi therein as seen with the microscope, by H. N. Lee. [1917] 12p.

Published in the National Association of Cotton Manufacturers, Transactions, 1917.

Difference in texture of white-wood, by W. B. Stokes. [1917] 2p.

Reprint from Canadian woodworker, Dec., 1917.

Douglas fir fibre; with special reference to length, by H. N. Lee and E. M. Smith. [1917] 23p.

Reprint from Forestry quarterly, Dec., 1916 and Pulp and paper magazine, July 26, 1917.

Dry rot in building timber, by W. Kynoch. 1919. 14p.

Reprint from the Timber trades journal, London, June 28, 1919.

Dry rot in buildings, by W. Kynoch. [1917] 14p.

Reprint from the Canadian Lumberman's Association. Proceedings, 1917.

The effect of growth rate on strength of softwoods, by J. D. Hale and M. J. Brophy. 1922. 4p.

Reprint from the Canada lumberman, Jan. 15, 1923.

The effect of rate of growth on the strength of hardwoods, by J. D. Hale. 1929. 9p.

Reprint from the Canada lumberman, Dec. 15, 1923.

The effects of seasoning on the flotability of logs, by K. G. Fensom. 1930. 22p.

Efficiency of the news-print splice, by L. N. Seaman. 1919. 2p.

Reprint from the Pulp and paper magazine, Oct.2, 1919.

Elaborate tests show satisfactory strength for jack pine, by T. A. McElhanney. [1932] 1 sheet.

Reprint from Canada lumberman, Jan. 1, 1932.

Elimination of taste in water passing through creosoted wood stave pipe, by J. F. Harkom and C. Greaves. [1931] 3p.

Reprint from Engineering journal, Oct., 1931.

The estimation of cellulose in wood, by B. Johnsen and R. W. Hovey. 1918. 9p.

Typed ms. Paper read pefore the Society of Chemical Industry, Montreal, and also before Canadian Pulp and Paper Association. Technical Section, 1918.

Experimental treatment of hardwood ties, by J. F. Harkom. 1931. 13p.

Paper read before the American Wood Preserver's Association, St. Louis, Missouri, 1932.

rast-growing white spruce in Quebec, by H. N. Lee. 1917. 2p.

Reprint from Canadian forestry journal, Dec., 1917.

The fibre structure of Canadian woods, by H. N. Lee. [1916]

Reprint from Canada lumberman, July 15, 1916.

Forest products in Canada, by J. S. Bates. [1918] 3p.

Printed in Canadian forestry journal, Feb., 1918, under title: Finding uses for our woods.

The Forest Products Laboratories of Canada, by J. S. Bates. [1915] 10p.

Read before the Society of Chemical Industry, Montreal, Dec., 1914; reprinted from the Journal of the Society of Chemical Industry, March 31, 1915.

The Forest Products Laboratories of Canada, by W.B. Campbell. 1914, 4p.

Reprint from the Royal Society of Canada, Proceedings, 1914.

The Forest Products Laboratories of Canada, by T.A. McElhanney. 1928. 19p.

Read at a meeting of the Chemical Association, London, Ont., March, 1928.

The Forest Products Laboratories of Canada - Ottawa - Montreal - Vancouver, by T.A. McElhanney. 1930. 27p.

Issued also in French.

Forest products research in Canada, by T.A. McElhanney. 1929. 9p.

Forest products utilization - Canada, by T.A. McElhanney. 1929. 9p.

The fuel value of wood, by W.P. Campbell. [1918] 5p.

Reprint from Canadian forestry journal, April, 1918.

Fungi which decay weave shed roofs, by R.J. Blair. 1918. 7p.

Reprint from Phytopathology, Jan., 1919.

Heating value of fuel woods. 1933. 12p.

Issued also in French.

How the Forest Products Laboratories can serve the wood-user, by W.B. Stokes. 1922. 4p.

Reprint from the Canada lumberman, Sept. 15, 1923.

Identifying of pulpwood at the mill, by J.D. Hale and J.B. Prince. (1933) 4p.

Paper read at Canadian Pulp and Paper Association, Woodlands Section, Jan. 26, 1933.

- An investigation into the various factors governing the efficiency of bucksaws, by W. E. Wakefield. [1932] llp.
- The investigation of the effect of oven-drying on the strength developed in test sheets, by E. P. Cameron. 1924. 9p.

Reprint from the <u>Pulp and paper magazine</u>, April 24, 1924.

Jack pine as a pulpwood, by W. B. Stokes. 1921. 3p.

Reprint from the Pulp and paper magazine, Oct.27, 1921.

Laboratory solves many problems, by C. J. Chaplin. 1927. 7p.

Reprint from Western lumberman, Nov., 1922.

Lignasan for the prevention of sapwood stain in white pine, by C. W. Fritz. [1932] 14p.

Summary of information assembled at the request of the Research Committee of the Lumberman's Association.

Losses in sulphite manufacture, by O. F. Bryant. [1915] 2p.

Paper read before the Canadian Pulp and Paper Association. Technical Section, March 1, 1915.

Manufacture of charcoal without recovery of by-products, by J. F. Harkom. 1930. 10p.

Moisture content of lumber for different uses receives increasing attention, by W. J. LeClair. [1933] 1 sheet.

Reprint from Canada lumberman, March 1, 1932.

Nail-holding qualities of wood being investigated at the laboratories, by W. B. Stokes. 1922. 2p.

Reprint from Canadian woodworker, Jan., 1923.

Paper on control testing of wood and pulp, by E. P. Cameron. 1926. 15p.

Typed ms.
Read before the Society of Chemical Industry, Montreal Section,
April 1, 1926.

Pathology in relation to wood utilization in Canada, by C. W. Fritz. 1928. 21p.

Pencil wood, by J. F. Harkom. 1932. 6p.

Piling of hardwood lumber in northern climate, by W. J. LeClair. [1933] 7p.

Present and possible products from Canadian woods, by J_{\star} S. Bates. 1917. 16p.

Reprint from <u>Canadian Society of Civil Ingineers. Transactions</u>, v.31, pt.1, 1917 and <u>Pulp and paper magazine</u>, June 7, 1917.

The preservation of timber in coal mines, by W. Kynoch. 1918. 5p.

Reprint from Timber trades journal, May 25, 1918.

Preservative treatment of mine timbers, by J. F. Harkom. [1930] 9p.

Paper presented at the annual meeting of the Canadian Institute of Mining and Metallurgy, March 5-7, 1931.

Preservative treatment of railway ties, by 7. B. Stokes. 1922. 3p.

The preservative treatment of timber, by W. G. Mitchell. [1916] 3p.

Reprint from Canada lumberman, June 5, 1916.

Preservative treatment of wood, by W. P. Campbell. [n.d.] 7p.

Prevention of sapwood stains in white pine in seasoning yards, by C. W. Fritz. 1931. 17p.

Products derived from hardwoods by destructive distillation, by W. B. Stokes. 1922. 2p.

Reprint from Canada lumberman, Dec., 1922.

Pulp and paper research facilities, by E.P. Cameron. 1929. 6p.

Fulp and paper research in Canada, by E. P. Cameron. 1929. 6p.

Pulpwood measurements and some factors involved in chirping and baling pulpwood, by C. F. Bryant. [1916] 17p.

Read before the Pulp and Paper Association. Technical Section, Nov.25, 1916. Reprinted from the Pulp and paper magazine, Dec.15, 1916.

Rate of deterioration due to decay in pulpwood storage piles, by C. W. Fritz. [1933] 1 sheet.

Paper read at Canadian Fulp and Paper Association. Woodlands Section, Jan. 26, 1933.

Hed stain in jack pine; its development in creosoted and
untreated railway ties under service conditions, by
C. W. Fritz. 1932. 12p.

The relation of forest products research to wood utilization. by T. A. McElhanney. 1929. 27p.

Reprint from Canada lumberman, March 15, 1929.

Review of the literature on softwood distillation, by J. F. Harkom and M. J. Collins. [1933] 72p.

Routine methods for the examination of wood pulp adopted at the Forest Products Laboratories of Canada, by E. P. Cameron. 1922. 4p.

Reprint from the Pulp and paper magazine, Dec. 21, 1922.

Shale oil as a wood preservative, by C. Greaves. 1929. 2p.

Simple methods of identifying pulpwood, by J. D. Hale. [1932] 7p.

Reprint from the Canadian Pulp and Paper Association, Woodlands Section. Transactions, Jan., 1932.

Slow combustion test, by J. F. Harkom.and J. I. Dore. [1933] 20p.

Paper read at the American Wood Preservers' Association, Jan.24-26, 1933.

Spruce gum; a review of the literature concerning the oleoresinous exudation from red, white and black spruce, by F. G. Marriott. 1932. 6p.

The staining of wood fibres for permanent microscopic mounts, by H. N. Lee. [1916] 3p.

Reprint from the Botanical gazette, Oct., 1916.

Strength tests made on B. C. timber, by W. Kynoch. 1921. 5p.

Structure of wood and some other fibres as related to pulp and paper, by H. N. Lee. 1915. 7p.

Structure of wood, by W. B. Stokes. 1930. 8p.

Reprint from Timber news, 1924.

Studies on white spruce by Forest Products Laboratories, by K. G. Fensom. 1928. 3p.

Tentative suggestions for maintenance of web saws, by W. E. Wakefield. 1932. ?1

Testing of pine oil for flotation, by J. S. Bates. [1916] 3p.

Reprint from the <u>Monthly bulletin</u> of the Canadian Mining Institute, June, 1916.

The testing of wooden containers at the Forest Products
Laboratories of Canada, by G. H. Rochester. [1927] 8p.

Paper read at the meeting of the Canadian Lumberman's Association, Montreal, Feb.2, 1927. Reprint from Canada lumberman, Feb.15, 1927.

Theory of lumber seasoning, by W. J. LeClair. [1931] 1 sheet.

Reprint from the Canada lumberman, Aug. 15, 1931.

^{1.} Items marked by ? are not known because publication is not available for examination.

"Timber disease," by Clara W. Fritz. 1926. 5p.

Timber pathology in relation to wood utilization in Canada, by Clara W. Fritz. 1928. 12p.

Timber physics, Canada, by J. D. Hale. 1928. 24p.

Timber physics research in Canada, by J. D. Hale. [n.d.] 24p.

Timber research, by W. Kynoch. 1927. 12p.

Paper read at a meeting of the Canadian Lumberman's Association, Montreal, Feb.2, 1927.

Timber testing in Canada, by T. A. McElhanney. 1928. 46p.

Treatment of mine timbers, by J. F. Harkom. 1929. 3p.

20 per cent maximum moisture content specification for Canadian softwood lumber, by W. J. LeClair. 1931. 9p.

A use for curly grain Douglas fir waste, by W. Kynoch. 1919.

The waste sulphite liquor problem, by B. Johnsen. 1918. 23p.

Paper read before the Society of Chemical Industry, Montreal, Jan.25, 1918, and published in the Pulp and paper magazine, April 4, 1918.

Wood as a paving material, by W. G. Mitchell. [1916] 15p.

Paper read before the Canadian Lumberman's Association, and published in Canadian engineer, March 9, 1916.

Wood as a raw material in papermaking, by B. Johnsen. 1917. 16p.

Paper read before the Canadian Pulp and Paper Association. Technical Section, Jan.31, 1917, and published in the <u>Fulp and</u> paper magazine, April 5, 1917.

Wood preservation in Canada, by J. F. Harkom. 1928. 15p.

Wood preservation means much to industry, by W. Kynoch. 1919. 25p.

Reprint from Canada lumberman, Dec.1, 1919.

Wood structure, by H. N. Lee. [1917] 10p.

Wood waste, by J. Kynoch. 1925. 11p.

Reprint from the Canadian woodworker, March, 1925.

The work of the Forest Products Laboratories, by J. S. Bates. 1915. 4p.

Reprint from Canadian forestry journal, July, 1915.

The work of the Forest Products Laboratories of Canada in the field of wood preservation, by J. F. Harkom. 1925. 15p.

Forest Products Laboratory, Vancouver

Serials

Bulletins, see Forest Service. Bulletins.

The Laboratory contributes bulletins to the general series of bulletins of the Forest Service.

Circulars, see Forest Service. Circulars.

The Laboratory contributes circulars to the general series of circulars of the Forest Service.

Special Publications

Change in moisture content of kiln-dried lumber when shipped by water to various parts of the world, by J. H. Jenkins. 1933. 14p.

Cross-grain in lumber and its effect upon strength, by J. B. Alexander. 1933. 5p.

Developments in kilm-drying practice on the Pacific coast, by J . H. Jenkins. 1932. 4p.

Dimensions and constants for structural sizes, by J. B. Alexander. 1932. 6p.

Dimensions and constants for structural sizes - Common grades. 1933. lp.

The identification of Pinus lambertiana, Pinus monticola and Pinus strobus, by H. W. Eades. 1931. 3p.

Type-written ms.

An investigation of the corrosion of heating boilers using sawdust fuel, by J. H. Jenkins. 1932. 6p.

Type-written ms.

- The kiln-drying of Douglas fir door stock and factory lumber, by J. H. Jenkins. 1933. 6p.
- Moisture content of kiln-dried lumber at coast sawmills of British Columbia, by F. W. Guernsey. 1930. 1lp.
- The moisture content of lumber and its determination by J. H. Jenkins. 1933. 8p.
- The prevention of collapse in the kiln-drying of western red cedar, by J. H. Jenkins. 1932. 3p.
- Progress report Logging waste in the Douglas fir western red cedar type of the southern coast region of British Columbia, by J. H. Jenkins and F. W. Guernsey. 1932. 15p.
- Rate of absorption and change in shipping weight of kiln-dried shingles, by J. H. Jenkins. 1927. 4p.
- Rate of drying and shrinkage of lumber when air-seasoned in the southern coast district of British Columbia, by J. H. Jenkins. 1931. 10p.
- Recommended schedules for kiln-drying of certain B. C. species of lumber, by J. H. Jenkins. 1933. 7p.
- Red stain in Douglas fir heartwood, by H. W. Eades. 1931. 3p.

Type-written ms.

- The relation between the moisture content of shook and the rusting of cans in storage, by J. H. Jenkins and F. W. Guernsey. 1931. 8p.
- Shrinkage figures for the commercial sizes of British Columbia lumber when seasoned, by J. H. Jenkins. 1931. 7p.

- The sizes of hemlock mill waste utilized for pulpwood, by J. H. Jenkins. 1931. 10p.
- Strength of timbers aged in service, by J. B. Alexander. 1931. 7p.
- Summary of information on the kiln-drying of British Columbia lumber, rev. ed., by J. H. Jenkins. 1931. 50p.
- Tests of 2 X 10 Douglas fir joists, common and mercantile grades, green and air-dry, by J. B. Alexander. 1933. 24p.
- Wooden scows some factors affecting their durability, rev. ed., by H.W. Eades. 1933. 11p.

Geodetic Survey

Note: All publications of the Geodetic Survey are included in the following list, though it has at times been a part of other branches.

Serials

Annual report of the Director ... 1917- [v.1-]

Reports, 1918-1923, called Report of the Superintendent ...

Precise levelling bulletin. 1923-1924. A-N.

Publications. 1918- no.1-

A numbered series that includes publications on the subject of precise levelling, triangulation, standards, etc.

Special Publications

Index to Precise Level Lines ... 1925. ?1

International Geodetic and Geophysical Union. First General

Conference, kome, 1922.
... The Geodetic Survey of Canada; operations April 1, 1912 to March 31, 1922. 1922. 32p. map.

Same. Second General Conference, Madrid, 1924.

... The Geodetic Survey of Canada; operations April 1, 1922 to March 31, 1924. 1925. 24p. map.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Same. Third General Conference, Prague, 1927.
... The Geodetic Survey of Canada; operations April, 1924 to December, 1926. 1927. 26p. map.

Same. Fourth General Conference, Stockholm, 1930.
... Geodetic operations in Canada, January 1, 1927 to
December 31, 1929. 1930. 28p. maps.

Issued as Publication no.37 of the Geodetic Survey.

Geological Survey, see Mines, Dept. of Geological Survey

Irrigiation Branch

Note: For publications after 1918 see Water Power and Reclamation Service

Serials

Bulletin, see Water Power and Reclamation Service. Bulletin. Circular. 1914. no.1.

Discontinued.

Report of hydrometric surveys (Stream measurements) ... 1909-1916. v.

1909-1914 as Report of progress of stream measurements. Continued in Water rower and Reclamation Service. Water supply papers.

Report on irrigation surveys and inspection, 1901-1918.

1901-1915 issued as keport on irrigation. Frior to 1912 issued as a part of the report of the Dept. of the Interior.

Special Publications

Actual problems that confront the irrigator, by Don H. Bark.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Alfalfa growing, by Don H. Bark. 1915. 16p.

Reprint of an address delivered at the minth annual convention of the Western Canada Irrigation Association, 1915.

Inter-dependence of farm and city, by Dr. J. G. Rutherford...
1914. llp.

Reprint of an address delivered at the eighth annual convention of the Jestern Canada Irrigation Association, 1914.

... Irrigation in the provinces of Alberta and Saskatchewan, 1906 and 1907. 1908. 84p.

Practical information for beginners in irrigation, by W. H. Snelson. ? 1 ? 1

Practical irrigation hints for Alberta, by Don H. Bark ... 1915. 16p.

Reprint of an address delivered at the minth annual convention of the Western Canada Irrigation Association, 1915.

Practical operation of irrigation works, by S. G. Porter ... 1914. 10p.

Reprint of an address delivered at the eighth annual convention of the Western Canada Irrigation Association, 1914.

Report of the International Irrigation Congress, 1914.

National Development Bureau

Note: Prior to 1930 called National Resources Intelligence Buresu.

Serials

Canadian news letter. 1922-1930. v.

1922, called Budget of news. Issued also in French.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

List of unoccupied and uncultivated farms. 1918-1919. no.1-21.

Natural resources of Canada. 1921-1931. v.1-10, no.4.

Tasued also in French.

Report. 1921-1933. v.

Included in Dept. of the Interior. Report, 1922-

Special Publications

Agricultural loans, a summary of the legislation respecting farm loans and rural credits in the different provinces. 1922. 15p.

Athabasca to the Bay. Report of reconnaissance expedition, chiefly by cance, from Edmonton and McMurry across the northern parts of Alberta, Saskatchewan and Manitoba to Port Nelson and Churchill on Hudson Bay, by F. H. Kitto... 1919. 40p.

Camping in Canada. 1930. 10p.

Canada as a national property... 1926. 75p.

Canada folder. 1930. 12p.

Canada from two viewpoints...; text by Oliver Master, drawings by Edward Elias... [1929] 19p.

Canada: natural resources and commerce... 1923. 221p.

Same. 1928. 32p.

Canada; recreational folder. 1931. 12p.

Canada's game fields. 1932. 19p.

Canoe routes to Hudson Bay. [1929] 20p.

Same. [1930] 18p.

Canoe trips in Canada. 1929. 24p.

Canoe trips in Ontario. 1930. 24p.

Canoe trips in Quebec. 1930. 16p.

Issued also in French.

Canoe trips in the Maritime Provinces. 1930. 15p.

Canoe trips in the western provinces. 1930. 15p.

Les capitales canadiennes. [n.d.] 3p. 10 pl.

Central British Columbia, Canada, by F. H. Kitto. 1920. 119p.

Same, 2nd ed. 1922. 120p.

... A central bureau of information relating to Canada's natural resources... [1923] ?

Compact facts. Canada, 1919. [1919] 18p.

Same. 1921. 19p.

Same. 1922. 29p.

Same. 1924. 30p.

Same. 1930. 30p.

Descriptive folder of New Brunswick. 1931. 12p.

Detailed description of canoe trips. ?1 ?1

Dominion of Canada animated atlas; text by Cliver Master, drawings by A. E. Elias. [n.d.] 20p.

Fishing in Canada. 1930. 18p.

Fishing in Canada, an interesting treatise on Canadian sport fish and fishing. 1929. 24p.

The forests and forest products of Canada. [n.d.] 20p.

The fruit and vegetable canning, preserving and drying industries with special reference to Canada. 1930.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Fuel resources of Canada. [n.d.] 18p.

Historic forts and trading posts of the French régime and of the English fur trading companies, compiled by Ernest Voornis... 1930. 188 numb.1.

Autographed from type-written copy.

How to enter Canada. 1929. 4p.

Reprinted in 1930.

The Hudson Bay region, by F. H. Kitto ... 1929. 50p.

The industrial uses of peat other than fuel, with special reference to Canadian opportunities in manufacture of peat litter and mull... 1929. 29p.

Lantern slide lectures. 1928. 8p.

Cover-title: Catalogue of lantern slide lectures.

The lower Athabasca and Slave River district... [1921]

Manitoba, Canada: its development and opportunities, by F. H. Kitto... 1923. 157p.

Same, 2nd ed. 1925. 146p.

Same, 3rd ed. 1931. 191p.

... Map showing branches of chartered banks in Ontario and Quebec, 3rd ed., [1917]. [With] chart showing branches of chartered banks and post office savings banks in Ontario and Quebec to accompany 3rd ed. Bank map of Ontario and Quebec - 1917. [1917]

The minerals and mining industry of Canada. [n.d.] 23p.

Monographs on raising fur bearing animals in captivity. [n.d.] Il pamphlets.

Issued also in French.

Motoring in Canada. 1929. 14p.

Reprinted in 1930.

The muskrat: a Canadian fur resource... [1929] 32p.

Reprinted in 1930. Issued also in French.

... Natural resources: a brief compilation bearing on the natural resources of the Prairie Provinces... 1919. 35p.

Natural resources of Quebec... 1923. 133p.

Reprinted in 1924.
Issued also in French.

Same, rev. ed. 1929. 132p.

Natural resources of the Prairie Provinces. A brief compilation respecting the development of Manitoba, Saskatchewan and Alberta... 1923. 470.

Same. 1925. 47p.

New Brunswick, Canada. 1931. 12p.

New Brunswick, Canada, folder. 1929. ?1

Reprinted in 1930.

New Brunswick: its natural resources and development, 4th ed. 1930. 168p.

The new Manitoba district, Canada: its resources and development, by F. H. Kitto... 1921. 8p.

New oil fields of northern Canada, by F. H. Kitto... 1921.

Same, 2nd ed. 1921. 8p.

Issued also in French.

Nova Scotia; its development and opportunities, 3rd ed. 1925. ?1

Nova Scotia; resources and development, 4th ed. 1930. 125p.

The Peace River country, Canada; its resources and opportunities. 1927. 96p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Same, 2nd ed. 1928. 93p.

Issued also in French.

Same, 3rd ed. 1930. 115p.

Issued also in French.

The Peace River district, Canada; its resources and opportunities, by F. H. Kitto. 1918. 47p.

Same. 1922. 48p.

The preparation of pelts for market... [1928] 9p.

Same. 1930. 10p.

Issued also in French.

Same, slightly sugmented. 1929. 9p.

Prince Edward Island, Canada; its resources and opportunities... 1925. 63p.

Same. 1926. 63p.

Same. 1930. 68p.

Prince of playgrounds, come home by Canada and revel in the Rockies; beautiful Banff. [1911] 38p.

The Province of New Brunswick; its development and opportunities... 1924. 80p.

The Province of New Brunswick, Canada; its natural resources and development, by L. O. Thomas... 1930. 167p.

The Province of New Brunswick, Canada; its natural resources developed and undeveloped... 1921. 92p.

The Province of New Brunswick; its natural resources developed and undeveloped, compiled from all available information including that furnished by federal and provincial services, 1918... 1918. 27p.

The Province of Nova Scotia, 4th ed., by H. S. Philopt. 1930. 157p.

The Province of Saskatchewan; its development and opportunities, by F. H. Kitto... 1919. 153p.

Same, 2nd ed. 1925. ?1

The resources of Nova Scotia; compiled for the use of settlers and investigators from material supplied mainly by federal and provincial services, 1920. 1920. 104p.

Same, 2nd ed. 1923. ?1

Same, 3rd ed. 1925. 108p.

Same, 4th ed. 1930. 125p.

Saskatchewan, Canada; its development and opportunities, rev. ed. 1925. 87p.

Sport fishing in Canada. 1932. 31p.

This year, Canada. [n.d.] 8p.

Transportation in Canada. [n.d.] 32p.

Vacations in Canada; a handbook of information for tourists and sportsmen, 2nd ed. 1929. 25p.

Same, 3rd ed. 1931. 96p.

Water resources of Canada. [n.d.] 15p.

Winter in Canada. 1929. 14p.

Maps

Map of Alberta. 1930. 2 sheets. $12\frac{1}{2}$ mi. to 1 inch.

Shows general topography, parks and Indian Reserves.

Map of Alberta. 1930. 35 mi. to 1 inch.

Shows leading resources, railways, cities and towns.

Map of British Columbia. 1928. 35 mi. to 1 inch.

Shows districts, railways and steamship routes.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Map of British Columbia. 1930. 75 mi. to 1 inch.

Shows leading resources, railways, cities and towns.

Map of Manitoba. 1929. 2 sheets. $12\frac{1}{2}$ mi. to 1 inch.

Shows general topography, parks and Indian Reserves.

Map of New Brunswick. 1929. 27 mi. to 1 inch.

Shows leading resources, railways, cities and towns.

Map of New Brunswick, indicating motor roads and recreational resources. [n.d.] 7.89 mi. to 1 inch.

Indicates transportation facilities, customs ports and hotels, in addition to recreational resources.

Map of northern and southern Manitoba. 1930. 2 sheets. 40 and 45 mi. to 1 inch.

Shows leading resources of each district, railways, cities and towns.

Map of Nova Scotia and Prince Edward Island. 1929. 27 mi. to

Shows leading resources, railways, cities and towns,

Map of Nova Scotia. 1925. 10 mi. to 1 inch.

Shows resources, railways, cities and towns.

Map of Ontario. 1928. 35 mi. to 1 inch.

Shows counties, railways and steamship lines.

Map of Prince Edward Island, indicating motor roads and recreational resources. 1929. 27 mi. to 1 inch.

Includes natural resources, ferries and steamship routes.

Map of Quebec and the Maritime Provinces. 1928. 35 mi. to 1 inch.

Show counties and railways.

Map of Saskatchewan. 1929. 2 sheets. 12 mi. to 1 inch.

Shows general topography, parks and Indian Reserves.

Map of Saskatchewan. 1930. 28 mi. to 1 inch.

Shows resources, railways, cities and towns.

Map of the Kluane, White and Alsek River district. 1905. ?1

Shows general topography and contours.

Map of the Rocky and Selkirk Mountains. 1914. 2 sheets. 1.97 mi. to 1 inch.

Shows railways, roads, trails, contours, elevations, glaciers and snowfields.

Map of the Yukon Territory. 1929. 16 mi. to 1 inch.

Shows railways, roads, trails, telegraph lines, post offices, R. C. M. P. posts, road houses and elevations.

Physical map of Canada. 1928. 60 mi. to 1 inch.

Shows elevation and depth of water.

Railway map of Canada. 1930. 4 sheets. 100 mi. to 1 inch.

Snows territorial divisions and railways.

Same. Wall map. 60 mi. to 1 inch.

Resource map of Canada. 1930. 100 mi. to 1 inch.

Shows leading resources of each district with information in regard to railways and agricultural and forest areas.

Road map of Canada and the United States. 1931. 100 mi. to 1 inch.

Shows motor roads of Canada and the main connecting roads in the United States.

Sectional road map of Canada and the $U_{\rm nited}$ States. 4 sheets. 30 to 35 mi. to 1 inoh.

Standard geographical maps. [n.d.] (Scale varies)

A series of maps of eastern Canada on sheets on two scales, those in the more developed districts that require more detail being on a larger scale.

Show topography, cities, towns, villages, railways, canals, rapids, falls, portages, lighthouses, parks, Indian Reserves, county and township boundaries, depth of water and elevations.

Vegetation and forest cover map of Canada, 2nd ed. 1930. 100 mi. to 1 inch.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

National Parks Branch

Note: 1926-1927 called Dominion Parks Branch

Serials

Annual report of the Commissioner of National Parks, 1909-1910- [v.1-]

Continues Report of the Superintendent of the Rocky Mountains Park ... 1888-1908.
Included in Dept. of the Interior. Report.

Historic sites series. 1922- no.1-

Report of the Superintendent of the Rocky Mountains Park for Canada, 1887-1908. 1888-1909. v.

Special Publications

Attracting birds with food and water, by R. Owen Merriman. 1923. ?1

Same, 2nd ed. 1926. ?1

Same, 3rd ed. 1932. 16p.

Automobile and livery tariffs for Jasper National Park. (1922)

Automobile and livery tariffs for Rocky Mountains and Kooteney National Parks. [1922] folder.

Automobile and livery tariffs for Yoho and Glacier National Parks. [1922] folder.

Automobile tariff for Banff and Kootenay Parks. General information. 1923. folder:

Banff and district. [1925] ?1

Banff-Windermere Highway. [1923] 35p.

Bird houses and their occupants, by P.A. Taverner. 1920. ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Same, 2nd ed. 1921. ?1

Same, 3rd ed. 1922. ?1

Same, 4th ed. 1933. 14p.

Birds as a national asset... 1926. 16p.

Published in 1916 under the title, Ministers give views on bird protection.

Issued also in French.

Bringing back the buffalo. [1926] 4p.

The call of untrodden ways. [1925] 24p.

Canada; a playground for the Empire. [1927] 32p.

Canada's feathered friends, by Hoyes Lloyd. [n.d.] 6p.

Classified guide to fish and their habitat in the Rocky Mountains Park. [1914] 24p.

Common birds of eastern Canada. [n.d.] 25 pl.

Dates for monthly waterfowl censuses. [n.d.] card.

Description and guide to Jasper National Park. 1917. 97p.

Elk Island National Park. [1929] 8p.

General information. Banff, Kootenay and Yoho National Parks. "The three park unit." 1930. 16p.

Glaciers of the Rockies and Selkirks, by A. P. Coleman... with notes on five great glaciers of the Canadian national parks. [1913] 36p.

Guide to the geology of the Canadian national parks on the Canadian Facific Railway between Calgary and Revelstoke, by Charles Camsell. 1914. 70p.

... Handbook of the Rocky Mountains Park Museum, by Harlan I. Smith. 1914. 126p.

Hints for hunters. 1923. 20p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Jasper National Park, by M. B. Williams. 1928. 176p.

Jasper trails, by M. B. Williams. [1930] 43p.

The Kicking Horse Trail, by M. B. Williams. 1927. 47p.

Kootenay National Park and the Banff Windermere Highway, by M. B. Willams. 1928. 45p.

Lessons on bird protection. [1921] 16p.

Mackenzie's Rock... [1924] ?1

Migratory bird protection: abstract of regulations. [1924]

Ministers of agriculture give views on bird protection... 1920.

Issued also in French.

Motor information and mileage card. [1932] ?

Nakimu Caves, Glacier Dominion Park, B.C. 1914. 29p.

No spring shooting means more migratory game. [n.d.] 4p.

The Pileated woodpecker, by J. A. Munro. [1924] 4p.

Prince Albert National Park, by M. B. Williams. [1928] 24p.
Reprinted in 1929.

Froducing eider-down, by Harrison F. Lewis. [1927] ?1

Protection of bird neighbors, by Hoyes Lloyd. [1920] 8p.

Rocky Mountain circle tour through Rocky Mountains, Yoho and Kootenay National Parks. [n.d.] folder.

A sprig of mountain heather. 1913. ?

Through the heart of the Rockies and Selkirks, by M. B. Williams. 1921. 105p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Same, 2nd ed.... 1924. 110p.

Same, 3rd ed.... 1929. 112p.

Same, 4th ed.... 1929. 112p.

Waterton Lakes National Park, Alberta, Canada, by M. B. Williams. ... 1927. 46p.

Why Canada and the United States combined to stop spring shooting, by J. H. Fleming. [n.d.] 3p.

North-Test Territories Branch, see North-Test Territories and Yukon Branch

North-West Territories and Yukon Branch

Serials

Annual report of the Director, 1884-1908. v.

In Dept. of the Interior. Report.

Annual report of the Director. 1924-1931. v.

In Dept. of the Interior. Report.

Annual report of the Governor of Keewatin, 1890-1905. v.

In Dept. of the Interior. Report.

Special Publications

The blue goose, an account of its breeding ground, migration, eggs, nests and general habits, by J. D. Soper. 1930. 64p.

... Canada's Arctic Islands; log of Canadian expedition, 1922, by J. D. Craig... with an appendix: Aviation in the Arctic, by Major E. A. Logan... 1923. 27p.

Issued also in French.

... Canada's Arctic Islands: Canadian expeditions, 1922 and 1923, J. D. Craig, officer-in-charge; 1924, F. D. Henderson, officer-in-charge; 1925 and 1926, Geo. P. Mackenzic, officer-in-charge. 1927. 54p.

- ... Canada's western Arctic; report on investigations in 1925-26, 1928-29 and 1930. Major L. T. Burwash ... investigator. 1931. 116p.
- ... Conserving Canada's musk-oxen, being an account of an investigation of Thelon game sanctuary 1928-29, with a brief history of the area and an outline on known facts regarding the musk-ox, by W. H. B. Hoare. 1930. 53p.
- ... Coronation Gulf copper deposits ... 1930. 41p.

Eskimo grammar. [1932] 92p.

- Game and fur export tax ordinance of the Yukon Territory. [1925] ?
- ... Great Slave Lake area, North-West Territories. 1926. 58p.
- ... Keewatin and northeastern MacKenzie ..., by C. H. Blanchet. 1930. 78p.
- ... Local conditions in the Mackenzie district, 1922, by J. F. Moran. 1923. 19p.

North-West Territories hay and grazing regulations. 1922. 7p.

- ... Preliminary report on the aerial exploration of northern Canada, by G. H. Blanchet ... 1930. 32 p.
- ... Regulations for the protection of game in the North-West Territories. [1929] ?
- ... Regulations respecting game in the North-West Territories. 1930. 44p.

Reindeer grazing in the North-West Territories. 1930. 46p.

Report of the royal commission upon the possibilities of the reindeer and musk-ox industries in the Arctic and sub-Arctic regions. 1922. 96p.

Southern Baffin Island ... 1930. 130p.

... The Yukon Territory, 1926. 1926. 100p.

Yukon grazing and hay regulations. [1921] ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Reclamation Service

Note: Supersedes Irrigation Branch. Continued as Water Power and Reclamation Service

Serials

Annual report of the director of the Reclamation Service, 1919-1923. 1920-1924. v.

Water supply bulletin. 1910-1921. no.1-11.

No.1-8 issued by the Irrigation Branch; no.9-11 by the Reclamation Service.

Rocky Mountains Park Branch, see National Parks Branch

Topographical Surveys Branch

Note: Topographical surveys have been conducted by various branches, but are all included under the latest name of the branch which is given above.

Serials

Annual report of the Director General of Surveys, 1883-1903. 1884-1904. v.

Annual report of the Topographical Survey, 1904- 1905- v.1-

Usually issued in both French and English editions, but occasionally issued only in French.

Astronomical field tables for use of the land surveyors of Canada. 1932- [v.1-]

Issued irregularly as the need arises.

Bulletin, 1876- no.1-

Includes a miscellaneous group of subjects related to topographical surveying, such as standardization of measures, reports on levelling operations, triangulation, etc.

Extracts from reports on townships. 1886- [v.1-]

Through 1913-1914 issued as Abstracts from reports ..., through 1908 and 1909 included in Annual reports. Issued in parts at irregular intervals, each part treating of a different section according to latitude.

Report of the Surveyor General, 1902-1930. 1903-1931. v.

Issued in Dept. of the Interior. Report 1903-1904, 1916-1930; issued as supplementary report, 1904-1918. Issued also in Sessional papers.

Title varies.

Special Publications

The copying camera of the Surveyor General's Office, by E. Deville... 1912. 40p.

Description of surveyed townships in the Peace River district in the provinces of Alberta and British Columbia, 2nd ed. [19137] 151p.

... A graphical method of plotting oblique aerial photographs. 1928. 21p.

... Manual of instructions for the survey of dominion lands ... 1905. 127p.

Bame. Amendments and corrections ... 1906. 7p.

Same. Supplement. 1908. 124p.

Same. 1910. 183p.

Same. Supplement. 1917. 161p.

Same, 9th ed. 1918. 172p.

Manual showing the system of survey of the dominion lands, with instructions to surveyors ... 1883. 117p.

Manual showing the system of survey of the dominion lands, with instructions to surveyors ... 1892. 117p.

Photographic surveying ... 2nd ed. 1895. 232p.

The first edition, 1889, was lithographed for use in the department only.

Reports on the Alberta and British Columbia boundary. 1913-1917

Report on the Ontario-Manitoba boundary. ?1 ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

-223-

Rules and regulations of the Board of Examiners for Dominion
Land Surveyors and descriptions of the various subjects, 10th
ed. 1920. ?1

Earlier editions not available.

Sun diagrams for aerial photographic light (provisional edition). [1931]

Maps

Air navigation maps. [n.d. no.1-] (Scale varies)

Canadian national parks and forest reserves. 1915-1926. 15 maps. (Scale varies)

Series covers all national parks and some forest reserves. Contour interval varies.

International map of the world. [n.d.] ?1

An international series being issued by various countries, using standard symbols, signs and style of lettering, and drawn to standard specifications.

Land classification and soil maps. 1923- ino. 1-, (Scale varies)

Show nature of the soil, whether hilly or level and general topographical features.

Magnetic maps. 1922- [no.l-] (Scale varies)

Show true compass direction in different parts of the country for the use of miners, trappers, explorers, etc.

Map series of the Albert-British Columbia boundary. [n.d.]

lb maps. [Ja. 1 mi. to 1 inch]

shows the boundary from the 49th parallel to the Kicking Horse Pass.

May be secured separately or in the form of an atlas in 3 pts. An index sheet may be secured on request.

Map series of the Ontario-Manitoba boundary. [n.d.] 16 maps. 1 mi. to 1 inch.

May be secured in either bound or unbound form. Index sheets on request.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Mosaic maps. [n.d. n.l-] (Scale varies)

Made from assemblies of vertical aerial photographs and covering various areas.

National topography series. [n.d. no.1-] 1 to 4 mi. to 1 inch.

Series is planned to cover the whole of Canada with maps drawn to four different scales.

There is an index sheet to series.

Relief maps. [n.d. no.1-5 1 to 3 mi. to 1 inch.

Portray the physical features of districts of special interest.

Sectional maps of western Canada. [n.d. no.1-1 (Scale varies)

Issued in three series, and each series is drawn to two scales.
Old series shows townships, sections, quarter sections and
general topography. in four colours.

general topography, in four colours.

Intermediate series covers areas where complete topographical information is not available, and gives road information and other topographical detail. Issued in five colours.

New series shows more highly developed districts and shows topographical detail in eight colours.

There is an index sheet to this series.

Miscellaneous maps

Aeronautical map, Winnipeg district. [n.d.] 8 mi. to 1 inch.

The Atlantic Ocean between Canada and northern Europe, showing transatlantic steamship routes. 1914. ?1

Belcher Islands, North-West Territories. [n.d.] 4 mi. to 1 inch.

Central Experiment Farm and vicinity. [n.d.] 400 ft. to 1 inch.

District of Calgary, Alberta. [n.d., 3 mi. to 1 inch.

Edmonton and vicinity, Alberta. [n.d.] 1 mi. to 1 inch.

Flin Flon Lake mining district, Manitoba and Saskatchewan. 1920. 1 mi. to 1 inch.

Great Bear Lake (and district as far west as Norman), exploratory ed. [n.d.] 8 mi. to 1 inch.

^{1.} Items marked by ? are unknown because the map is not available for examination.

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- Lake Louise, Alberta, Vicinity of. .n.d. 1 mi. to 6 inches.
- Lines of equal magnetic horizontal force and annual change in Canada for 1933. [n.d.] ?1
- Map of Alberta showing elevation. 1923-1928. 3 sheets. 122 mi. to 1 inch.
- Map of Churchill and vicinity, Manitoba. [n.d.] 1 mi. to 1 inch.
- Map of Saskatchewan (southern sheet) showing elevation. [n.d.] 12 mi. to 1 inch.
- Map showing average date of start and end of flying season for float and boat planes. [n.d.] ?1
- Nomogram showing duration of sunlight for every day in the year for all places in the world... [n.d.] ?1
- North Atlantic Ocean and adjacent countries. [n.d.] 150 mi. to linch.
- Northwest Territories, sheet no. 2 covering Great Slave and Great Bear Lakes. [n.d.] 35 mi. to 1 inch.
- Orographical map of the Dominion of Canada and Newfoundland. [n.d.] 125 mi. to 1 inch.
- Ottawa Gatineau, Ontario and Quebec. [n.d.] 1 mi. to 1 inch.
- Ottawa Kingston, north sheet (Ottawa to Perth) Ontario. [.n.d.] 2 mi. to 1 inch.
- Ottawa Kingston, south sheet (Perth to Kingston) Ontario. [n.d., 2 mi. to 1 inch.
- Preliminary topographic map of a portion of the foothills region. 1895-6. 1.25 mi. to 1 inch.
- Reconnaissance map of the northern Selkirk mountains and the Big Bend in the Columbia River, British Columbia, by Howard Palmer and Robert H. Chapman. 1920. 4 mi. to 1 inch.
- Red Lake district, Ontario. [n.d.; 2 mi. to 1 inch.
- Rice Lake district, Manitoba. 1920. 1 mi. to 1 inch.
- Topographic map of part of the Selkirk range, British Columbia, adjacent to the Canadian Pacific Railway, by A.O. Wheeler. 1902. 4 sheets. ca. 1 mi. to 1 inch.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Topographic map of the Rocky Mountains. 1892. 21 sheets. .63 mi. to 1 inch.

Covers the vicinity of Banff.

Topographic map showing Mount Robson and mountains of the continental divide north of Yellowhead Pass, by A.O. Wheeler. 1911. ca. 2 mi. to 1 inch.

Township index map showing the townships in Manitoba, Saskatchewan, Alberta and the Railway Belt and Peace River Block of British Columbia, by Howard Palmer and Robert H. Chapman. 1920. ?1

Shows boundaries of land districts and location of Land Agents.

Yukon map. 1898. 10 sheets. 6 mi. to 1 inch.

Miscellaneous Maps, Northern Canada

Athabasca series. .n.d. n.l-1 6 mi. to 1 inch.

Fort Smith to Arctic Ocean. [n.d.] 4 to 6 mi. to 1 inch.

Includes the following:
Fort Smith to Resolution
Providence to Simpson
Simpson to Wrigley
Wrigley to Norman
Norman to Hume River
Thunder River to McPherson and Aklavik
Mackenzie River delta and Mackenzie Bay

Great Slave Lake district. [n.d.] 6 mi. to 1 inch.

Includes an eastern and western sheet for this district and the Lockhart River basin.

Lower Churchill district. [n.d., 2 sheets. 6 mi. to 1 inch.

Includes the Pas mineral area and Reindeer Lake area.

Northwestern Canada. [n.d., 50 mi. to l inch.

Includes Mackenzie, Slave and Peace Rivers.

The Pas to Lake Athabasca series. [n.d., no.l-, 6 mi. to 1 inch.

Peace River series. n.d. no.1-, 4 mi. to 1 inch.

Upper Churchill district. [n.d.] 6 mi. to 1 inch.

Includes the Fond du Lac River basin.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Plans

Plans of parishes in Manitoba. [n.d.] (Scale varies)

Parishes were surveyed about 1878.

Settlement plans. 2n.d.2

Plans of settlements located on dominion lands in areas not yet reached by the Dominion Lands Survey.

Township plans. n.d., b mi. to l inch.

Issued for each surveyed township in Manitoba, Saskatchewan, Alberta and the Railway Belt and Peace River Block of British Columbia.

Townsite plans. in.d., 200 ft. to 1 inch.

Plans for townsites located on dominion lands.

Water Power and Hydrometric Bureau

Continues the publications issued under the Water Power and Reclamation Service. For list of publications, see Water Power and Reclamation Service.

Water Power and Reclamation Service

Serials

Note: For publications before 1924, see Reclamation Service and Water Power Branch.

Irrigation bulletin. 1910- no.1-

No.1-6 issued by Irrigation Branch

Report. 1912- [v.1-]

Reports 1912-1914 as Report of the Superintendent of Water Power, Reports 1915-1923 as Report of the Water Power Branch. Continued after 1924 as Report of the Water Power and Hydrometric Bureau.

Water resources papers. 1914- no.1-

No. 9 and no. 15 never published. Continued by the Water Power and Hyrdometric Service.

Special Publications

Irrigation regulations. ?1 ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

List of water powers in the Province of Quebec. 1929. 139p.

Rules, regulations and forms. 1926. 39p.

Water powers of the Dominion of Canada, prepared in connection with the first World Power Conference, London, 1924. [1924]

Water powers of the Dominion of Canada, prepared in connection with the second World Power Conference, Berlin, 1930. [1930]

Water Powers Branch

Serials

Annual report of the Superintendent of Water Power, 1913-1923. 1914-1924. [llv.]

Continued as Water Power and Reclamation Branch. Report.

Special Publications

... Proposed new dominion water-power regulations with explanation.

Yukon Branch, see, North-West Territories and Yukon Branch.

Catalogues and Indexes

Interior, Dept. of . Forest Service

List of Forest Service publications. 1931. 4p. (Circular 25) Supplement, 1933. 1p.

Forest Products Laboratories

Lists of publications available for distribution.

Mimeographed lists are issued by the laboratories in Montreal, Ottawa and Vancouver at irregular intervals as the need arises.

National Development Bureau

Catalogue of publications... 1933. 26p.

Natural Resources Intelligence Service

Publications... 1923. 28p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Topographical Survey

Catalogue of the maps and plans of the Topographical Survey, ${\scriptsize \upbeta 1\ \upbeta 1\$

Same, 2nd ed. ?1 ?1

Same, 3rd ed. ?1 ?1

Same, 4th ed. 1927. ?1

Same, 5th ed. 1930. ?1

Same. Supplement. 1933. 7p.

... List of maps and publications issued by the Topographical Surveys Branch and available for distribution. 1917. 11p.

Water Power and Hydrometric Bureau

Classified list of publications issued by the Dominion Water Power and Hydrometric Bureau. 1933. 11p.

Note: Numerous brief lists are also issued from time to time in typed and mimeographed editions.

Bibliography

Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.

Canada. Interior, Dept. of Annual report ... 1874 - Ottawa, Queen's Printer, 1874- [v.1-]

Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906- [v.l-]

Canadian almanac ... 1933. v.p., v.p., 1856? [v.1-]

Revised statutes of Canada, 1886. Ottawa, Queen's Printer, 1887. 2v.

Same. 1906. 4v.

Same. 1927. 5v.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

CHAPTER X

International Boundary Commission. International Waterways
Commission. International Joint Commission. Department
of Indian Affairs. Department of Immigration and Colonization. Soldier Settlement Board.

International Boundary Commission

Since boundary disputes between Canada and the United
States began almost before the ink was dry after the signing of
the Treaty of Paris, which recognized the independence of the
United States, and fixed the international boundary, it follows
that international boundary commissions have been numerous.
They have usually been appointed in accordance with the terms
of a treaty, and have dealt with certain sections of the boundary.
The present boundary commission is of special importance because
it deals with the entire boundary from the Atlantic to the Pacific.
Its history is as follows-

The present International Boundary Commission was appointed in 1908 in accordance with a treaty between Great Britain and the United States, which provided that a competent geographer or surveyor be appointed from each of the countries concerned, for the demarcation of the entire boundary line. The appointment of this commission was the result of previous findings of Canadian and American surveyors, showing that the official map of the boundary was rather roughly made and vague as to location in some sections. The Commission determined to resurvey and mark the boundary by means of durable monuments, and this work has proceeded from 1908 until the present time, though since 1925, it has been operated under a new treaty with the same general objectives. In 1931 the Canadian branch of the Commission was placed under the Geodetic Survey of Canada, and since that time a brief report of

ne Commission appears as part of the report of the Dept. of the Interior. The results of the work of this Commission have been published in interesting and valuable reports

blications of the International Boundary Commission

Note: The report of the Commission appointed in 1906, in accordance with the terms of the Washington treaty is included. Unless otherwise stated all reports were published both at Ottawa and Washington by the government printing offices.

International Boundary Commission. (U.S. and Canada) 1906.

Joint report upon the survey and demarcation of the international boundary between the United States and Canada along the 141st meridian from the Arctic Ocean to Mount St. Elias ... 1918. 305p.

Atlas to accompany report. 1918. 38 sheets.

International Boundary Commission. (U.S. and Canada) 1908-

... Joint report upon the survey and demarcation of the boundary between the United States and Canada from the northwestermost point of Lake of the Woods to Take Superior ... 1931. 622p.

Atlas to accompany report. 1931. 36 maps. Triangulation and traverse sketches to accompany report. 1931. 41 maps.

Joint report upon the survey and demarcation of the boundary between the United States and Canada from the source of the St. Croix River to the St. Lawrence River. 1925. 512p.

Atlas to accompany report. 1924. 62 sheets. Triangulation and traverse sketches to accompany report ... 1924. 15 maps.

Joint report upon the survey and demarcation of the boundary between the United States and Canada from the western terminus of the land boundary along the 49th parallel, on the west side of Point Robert through Georgia, Haro and San Juan de Fuca Straits to the Pacific ∪cean. 1921. 104p.

Chart to accompany report.

Bibliography

- Canada year book, 2nd series, 1927-1928. Ottawa, King's Frinter, 1906-[v.1-]
- International Boundary Commission. Joint report upon the survey and demarcation of the boundary between the United States and Canada from the northwestermost point of the Lake of the Woods to Lake Superior ... Washington, Govt. Printing Office, 1931. 621p.
- International Boundary Commission. Joint report upon the survey and demarcation of the international boundary between the United States and Canada along the 141st meridian from the Arctic Ocean to Mount St. Elias ... Ottawa, King's Printer, 1918. 305p.

International Waterways Commission

In 1902 the Government of the United States invited the Government of Great Britain to join in the formation of an international commission, consisting of three members from Canada and an equal number from the United States. to investigate and report on the uses and condition of waters adjacent to the boundary line between the two countries, including all the waters whose natural outlet is by way of the St. Lawrence River to the Atlantic. This invitation was accepted, but it was not until 1905 that the Commission was fully organized. The Canadian members were appointed by the Minister of the Department of the Interior and the Minister of Public Works. The American headquarters were at Buffalo, N.Y. and the Canadian headquarters, at first in Toronto and later in Ottawa. The Commission had power to investigate and report, but no power to settle finally, matters coming before it. The more important questions considered vere as follows.

- a. The uses of the waters at Sault Ste. Marie for power purposes, the regulation necessary to insure equitable division of the waters between the two countries and the protection of navigation interests
- b. The uses of the waters of the Niagara River for power purposes, the regulations necessary to insure equitable division of waters between the two countries and the protection of Niagara Falls as a scenic spectacle
- c. The alleged differences in the marine regulations of the two countries with respect to signal lights, and the advisability of adopting uniform signals for both countries

- d. The suppression or abatement of illegal fishing on the Great Lakes
- e. The location and construction of common channels
- f. kegulations governing navigation in narrow channels
- g. Protection of shores from damage due to the deepening of channels and increased speed
- h. The transmission of electric energy generated in Canada to the United States and vice versa.

This commission was in existence from 1905-1909 during which period informal negotiations were going on concerning the formation of an international commission with wider scope and powers. Such a body was created in 1908 as a result of a treaty between Great Britain and the United States, and was called the International Joint Commission, which will be discussed in a later section. The International Waterways Commission completed, after 1909, the work already begun.

Publications of the International Waterways Commission

International Waterways Commission (U.S. and Canada)

Serials

Progress report [and final report of the American section of the International Waterways Commission] 1905-1913. Washington Govt. Printing Office, 1905-1913. 12v.

Supplementary reports were issued to the reports for 1907-1909 Report for 1909 issued also as appendix to the Report of the Secretary of War. Title varies.

Special Publications

... Compiled reports of the International Waterways Commission, 1905-1913; submitted in accordance with the provisions of chapter 36, section 37 of the Revised statutes of Canada...
Ottawa, King's Printer, 1913. 1224p.

Issued also as Sessional paper 19a, 1913.
Stenographic notes of several public hearings of the Commissionare included.

International Waterways Commission; message from the rresident of the United States, transmitting the final report of the International Waterways Commission upon the proposed dam at the outlet of Lake Erie. mashington, Covt. Frinting Office, 1913. 15p.

Printed as Senate document 118 of the U.S. 63rd Congress. 1st session.

Regulation of Laxe Erie; message from the President of the United States, transmitting a report of the International Waterways Commission, dated January 8, 1910, on the regulation of Lake Erie, together with appendix, tables and plates. Washington, Govt. Printing Office, 1910. 158p.

Issued as House document 779 of the U.S. 61st Congress.

... Report of the International Waterways Commission, 1906 ... Ottawa, King's Printer, 1907. 293p.

Issued as volume 2 of the Rejort of the Minister of Public Works, 1905-1906, and as Jessional paper, no.192, 1906-1907. Includes all reports issued by the Commission to January 4, 1907.

... Report of the International waterways Commission, Canadian Section and American Section, 1905. [Ottawa, King's Printer, 1906]. 104p.

Issued as supplement to the Report of the Minister of Fublic Works, 1905.

Includes correspondence and documents in regard to the affairs of the Commission.

Report of the International Waterways Commission on the regulation of Lake are, with a discussion of the regulation of the breat Lakes system, together with appendix, tables and plates. [Euffalo], International Waterways Commission, 1910. 169p.

Report upon the Chicago Drainage Canal, by the International Waterways Commission. "achington, Govt. Printing Office, 1907. 54p.

Appendices include correspondence and documents on the subject.

Report upon the conditions existing at Sault Ste. Marie with rules for the control of the same, recommended by the International Waterways Commission. [Buffalo, International Waterways Commission], 1906. 20p.

Reports upon the existing water-power situation at Niagara Falls, so far as concerns the diversion of water on the American side, by the American members of the International Waterways Commission and Captain Charles W. Kutz, Corps of Engineers, U.S. Army, Washington, Govt. Printing Office, 1906. 28p.

Issued as document 239 of the war Department, Office of the Chief of Engineers.

Second interim report of the Canadian section and first joint report of the International Waterways Commission. Ottawa, [King's Printer]. 1906. 16p.

Includes sections relating to the uses of the waters of the Niagara River and the preservation of Niagara Falls.

Catalogues and Indexes

There are no general catalogues or indexes to the publications of the International Waterways Commission.

Bibliography

- Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Go., 1914-1917. 23v.
- Canada. Parliament. Sessional papers, 1906-1907. Ottawa, King's Printer, 1906-1907. v.
- Canada. Public Printing and Stationery, Dept. of. Catalogue of the official publications of the Parliament and Government of Canada. Ottawa, King's Printer, 1927- tv.l-1

The International Joint Commission

History

The treaty of 1909 between Great Britain and the United States, included in its provisions the creation of an international tribunal for the settlement of questions arising along the frontier between Canada and the United States, to be called the International Joint Commission. This commission was the result of discussions and suggestions by citizens of both countries over a long period of years. The first body appointed to meet this need was the International Vaterways Commission which filled a valuable place, but was limited in its powers to investigation and reporting, and had no final jurisdiction in the cases investigated. The recommendation of this body that a commission of wider powers be created, was influential in bringing about the International Joint Commission. Though it was constituted in 1909 it was not finally organized until 1912, due to a delay in the appointment of its members.

nctions

This body is a court of justice rather than a board of arbitration, and has final jurisdiction in all cases brought to it by permission of either of the governments concerned, which include all questions involving the rights, obligations or interests of either country or its innanitants along the border. Such questions have included the navigation, diversion and pollution of boundary waters and their tributaries, the erection

of dams, the surveying of lands along the border, etc.

In addition the treaty provides that either government may refer questions to this body for investigation. In such cases the Commission does not have final jurisdiction, but simply reports its findings.

Finally under article X of the treaty, the Commission has final jurisdiction in any question of differences arising between the two countries concerned, in regard to the rights, obligations and interests of the citizens of either country.

Since 1914 the Secretary of State for External Affairs authorizes all expenditures for the Canadian members of the Commission.

The work of the International Joint Commission has always been regarded in both countries as highly satisfactory, because of its expeditious treatment of cases that formerly dragged on for months or even years, and because of the mutual good will and understanding engendered between the two countries. Furthermore it is regarded as one of the most advanced steps yet taken between two governments for the peaceful settlement of disputed questions.

Organization

The Commission consists of three members from each country, one of whom acts as chairman and another as secretary for his section. When the Commission meets in Canada, the Canadian chairman is the presiding officer, and the American chairman presides in his own country.

Publications of the International Joint Commission

Note: The majority of the documents published by the International Joint Commission are not generally distributed to libraries, but are included here to give an idea of the work of the Sommission and also because some of them have been sent to the larger libraries of Canada and the united States and may be consulted there.

Unless otherwise stated all documents are published by either the Government Printing Office at Washington or by the King's Printer at Ottawa. Occasionally they are published in both countries.

Publications are arranged alphabetically by case and chronologically under each case.

International Joint Commission (United States and Canada) 1909-

Abstract of Sessions

International Joint Commission. Chronological abstract of sessions held in 1912, 1913 and 1914. 1915. 11p.

Articles of Commission

The International Joint Commission. 1914. 6p.

Reprinted from the Debates of the Senate of Canada, March 24, 1914.

The International Joint Commission of the united States and Canada. 1915. $8p_{\bullet}$

Reprinted from the Congressional record, February 26, 1915.

Buffalo and Fort Erie Bridge Case

Application of the Buffalo and Fort Erie Bridge Com; any for permission to construct and operate a public highway bridge over the Niagara River between the city of buffalo, N.Y., and the village of Fort Erie, Ontario. 1925. 9p.

Order of approval and hearings in the application of the Fuffalo and Fort Erie Public Bridge Company. 2925. 3ep.

Includes the application and the Canadian order-in-council of May 1st, 1925, which is in the nature of a statement in response.

Canadian Cotton Power Case

- Application of Canadian Cottons, Limited for approval of its plans for new power house on the St. Croix River, Calais, Maine. 1910. 6p.
- Statement in response of the Dominion of Canada to the application of Canadian Cottons, Limited. 1919. γ^{\pm}

Application was subsequently withdrawn.

Creston Reclamation Case

- Application of the Creston Reclamation Company, Limited for permission to construct certain permianent works in and adjacent to the channel of the Kootenay River in the Province of British Columbia at Creston. 1927. 16p.
- Statement in response in behalf of the Government of the United States to the application of the Creston Reclamation Company. 1927. 6p.
- Order of approval and hearings in the matter of the application of the Greston Reclamation Company. 1927. 83p.

Application and response are reprinted in this document.

Grand Falls Case

- Application of the New Brunswick Electric Power Commission for permission to construct and operate certain permanent works in and adjacent to the channel of the River St. John, in the Province of New Brunswick, at Grand Falls. 1925. 59p.
- Statement in response on behalf of the Government of the United States to the application of the New Brunswick Electric Power Commission. 1925. 3p.
- Statement in response on behalf of the State of Maine to the application of the New Brunswick Electric Power Commission. 1925. 12p.
- Statement in response in behalf of the Canadian National Railways to the application of the New Brunswick Electric Power Commission. 1925. 3p.
- Statement in response of the Bangor and Aroostook Railroad Company to the application of the New Brunswick Electric Power Commission. 1925. 16p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

- Statement in response of the International Paper Company and the Grand Falls Company, Ltd., to the application of the New Brunswick Electric Power Commission. 1925. 7p.
- Order of approval and hearings in the matter of the application of the New Brunswick Electric Power Commission. 1925. 204p.

Includes the statements in response and the order-incouncil of the Dominion of Canada dated February 20th, 1925, which is in the nature of a statement in reply on behalf of Canada.

- Application of the St. John River Power Company for permission to construct and operate certain permanent works in and adjacent to the channel of the River St. John in the Province of New Brunswick at Grand Falls. 1926. 47p.
- Order of approval and hearings in the matter of the application of the St. John River Power Company. 1900. 100p.

Includes application, various agreements relating thereto, and statements in response on behalf of the Province of New Brunswick, the State of Maine, the Canadian National Railways, the Canadian Pacific Railway, the Bangor and Aroostook Railroad, the Madawaska Company, the Grand Falls Company and the International Paper Company.

Kettle Falls Case

- Application of Rainy River Improvement Company for approval of plans for dam at Kettle Falls. 1912. 15p.
- Statement in response Dominion of Canada; to the application of Rainy River Improvement Company for approval of plans for a dam at Kettle Falls. 1912. lp.
- Hearings and arguments in the matter of the application of the Rainy River Improvement Company for approval of plans for a dam at Kettle Falls. 1913. 128p.
- Opinion in the matter of the application of the Rainy River Improvement Company for approval of plans for a dam at Kettle Falls: 1913. 11p.
- Minority opinions in the matter of the application of Rainy River Improvement Jompany for approval of plans for dam at Kettle Falls. 1913. 20p.

Lake of the Woods Investigation

- Progress report of the International Joint Commission on the reference by the United States and Canada in re the levels of the Lake of the Woods and its tributary waters and their future regulationa and control; including public hearings at International Falls and Warroad, Minn., and Kenora, Ontario. 1914. 186p.
- Hearings of the International Joint Commission on the reference by the United States and Canada in re levels of the Lake of the Woods and its tributary waters and their future regulation and control; being further public hearings at International Falls and Warroad, Minn. and Kenora, Ontario. 1915. 511p.
- Hearings of the International Joint Commission on the reference by the United States and Canada re levels of the Lake of the Woods and its tributary waters and their future regulation and control; being further public hearings at International Falls, Minn. and Winnipeg, Manitoba. 1916. 539p.
- Appendix to hearings on the reference by the United States and Canada in re levels of the Lake of the Woods and its tributary waters and their future regulation and control. 1916. 93p.
- Final arguments on the reference by the United States and Canada in re levels of the Lake of the Woods and its tributary waters and their future regulation and control. 1916. 295p.
- Report to the International Joint Commission relating to official reference re Lake of the Woods levels, by Arthur V. White and Adolph F. Meyers, consulting engineers. Text. 1916. 314p.

Atlas to accompany report ... 1915. ?1
Plates to accompany, 1916. 144p.
Tables to accompany, 1916. 330p.

- Brief for the Government of the Dominion of Canada and Province of Ontario re levels of the Lake of the Woods. 1916. 24p.
- Brief in re the levels of the Lake of the Woods, for Keewatin Power Company, Limited, Rainy River Improvement Company, Minnesota and Ontario Power Company, Limited. 1916. 46p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

- Brief on behalf of Shelvin-Clarke Company, Limited in re levels on the Lake of the Woods. 1916. 25p.
- Report on flood conditions in the Lake of the Woods and Rainy Lake districts, Min esota and Ontario; together with a general statement of the water levels, interests involved and methods of relief, by Charles A. McGrath and James A. Tawney. 1916. 10p.
- Final report of the International Joint Commission on the Lake of the Goods levels, with appendix and bibliography. 1917. 261p.
- Convention and protocol between His Britannic Majesty in respect of the Dominion of Canada and the United States for regulating the level of the Lake of the Woods, and of identical letters of reference submitting to the International Joint Commission certain questions as to the regulation of the levels of Rainy Lake and other upper waters... 1925. Sp.
 - See, also Rainy Lake Investigation.
- Lake of the Woods Investigation. Maps.
 - Index map of the Lake of the Woods sheets, showing sheets 1-25. [n.d.] ?1
 - Kettle Falls sheets, showing surveys of the lakes above Kettle Falls. [n.d.] 4 sheets. ?1
 - Key map of the Lake of the Woods reconnaissance sheets,
 northerly shore. [n.d.] ?1
 - Lake of the Woods reconnaissance sheets, northerly shore sketches of portions of northerly shore from Shoal Lake to Big Grassy River. [n.d.] 3 sheets. ?1
 - Lake of the Woods sheets, southerly shore. [n.d., 25 sheets. 31
 - Sheets 1-19, show surveys from the Northwest Angle to Big Grassy River; 20-22 surveys portions of Bigsby and Big Islands; 23-25 areas surveyed around Shoal Lake.
 - Map showing surveys of connecting channels of lakes above Kettle Falls. [n.d.] 21
 - Plan showing cross-sections of overflow channels between Kabetogama, Namakan and Rainy Lakes, also certain sections in channels at Kettle Falls. [n.d.] ?1
 - Rainy Lake sheets, showing surveys of cortions of shore of Rainy Lake in the vicinity of Rat Root River and Stanjikoming Bay. [n.d.] 4 sheets. ?
 - 1. Size is unknown because map is not available for examination.

- Triangulation control map of Lake of the Woods and Shoal Lake surveys. [n.d.] ?1
- Watershed map of the Lake of the Woods, compiled mainly from maps of the Department of the Interior, Canada, and map of the State of Minnesota, prepared (1912) by the United States Geological Survey. [1912] ?1

Livingstone Channel Reference

- Statement in response (of the Dominion of Canada) on the reference re the Livingstone Channel. 1912. lp.
- Testimony in re the Livingstone Channel on the reference of the Governments of the United States and the Dominion of Canada under article IX of the treaty of May 5th, 1909. 1913. 225p.
- Report on the Livingstone Channel. Recommendations in reply to questions submitted by the Governments of the United States and Canada. 1913. 18p.

New York and Ontario Power Case

- Application of the New York and Ontario Power Company for approval of its plans to reconstruct, repair and improve its dam, hydraulic structures and waterpower property at Waddington-on-the-St.Lawrence, New York. 1918. 6p.
- Statement in response on behalf of the State of New York to the application of the New York and Ontario Power Company. 1918. 7p.
- Statement in response on behalf of the State of New York to the application of the New York and Ontario Power Company. 1918. 4p.
- Statement in response of the Dominion Marine Association to the application of the New York and Ontario Power Company. 1918. 5p.
- Statement in response of John C. Crapser to the application of the New York and Ontario Power Company. 1918. 10p.
- Memorandum on behalf of the State of New York in the matter of the application of the New York and Ontario Power Company. 1918. 30p.
- Applicant's brief in the matter of the application of the New York and Ontario Power Company. 1919. 25p.
- 1. Size is unknown because map is not available for examination.

- Hearings in the matter of the application of the New York and Ontario Power Company. 1919. 343p.
- Papers relating to the work of the International Joint Commission. 1929- 171p.
- Pollution of Boundary Waters Investigation
 - Progress report of the International Joint Commission on the reference by the United States and Canada in re the pollution of the boundary waters. Including the report of the sanitary experts. 1914. 364p.
 - Pollution of boundary waters. Conference with sanitary engineers at New York City, May 26 and 27, 1914. 1914.
 - Resumé of testimony of consulting sanitary engineers in the matter of the pollution of the boundary waters. 1914. 6p.
 - Hearings of the International Joint Commission in re remedies for pollution of the boundary waters between the United States and Canada. 1915. 330p.
 - Pollution of boundary waters. Report of consulting sanitary engineer upon remedial measures. 1916. 159p.
 - Hearings of the International Joint Commission in re remedies for the pollution of boundary waters between the United States and Canada. 1917. 161p.
 - Final report of the International Joint Commission on the pollution of boundary waters reference. 1918. 65p.
- Rainy Lake Investigation
 - Hearings of the International Joint Commission on the reference by the United States and Canada in re levels of Rain: Lake and other upper waters of the Lake of the Woods watershed and their future regulation and control, being public hearings at International Falls, Minn. ... 1926. 407p.
 - ...Preliminary report of the International Joint Commission relating to official reference re levels of Rainy Lake and other upper waters of the Lake of the Woods watershed and their future regulation and control ... 1929-1930. 3v. in 2.
- Rainy River Boom Case
 - Application of International Lumber Company for approval of plans for boom in Rainy River at International Falls. 1916. 19p.

- Objections of the Town of Fort Frances to the approval of plans filed by the International Lumber Company for a boom in the Rainy River at International Falls. 1916. 3p.
- Statement in response on behalf of the Dominion of Canada to the application of the International Lumber Company. 1916. Sp.
- Statement in reply by International Lumber Company to statements in response of the Dominion Government and town of Fort Frances. 1916. 6p.
- Statement in behalf of the United States in the matter of the application of the International Lumber Company. 1916. 3p.
- Hearings and argument in the matter of the application of the International Lumber Company for the approval of the obstruction of the waters of the Rainy River at International Falls, Minn. 1917. 159p.
- Order and opinion in the matter of the application of the International Lumber Company for the approval of the obstruction of the waters of the Rainy River at International Falls, Minn. 1917. 14p.

Rules of Procedure

- Rules of procedure of the International Joint Commission, adopted pursuant to article XII of the treaty between the United States and Great Britain, signed January 11, 1909. Promulgated February 2, 1912. 1912. 33p.
- Rules of procedure of the International Joint Commission, adopted pursuant to article XII of the treaty between the United States and Great Britain, signed January 11, 1909. 1929. 24p.

Includes text of treaty and legislation involved in carrying into effect the provisions of the treaty for the creation of the International Joint Commission.

St. Olair River Improvements

- Application of the Government of the United States for the approval of certain contemplated improvements in the St. Clair River at Port Huron, Mich. 1916. 5p.
- Statement in response on behalf of the Dominion of Canada to the application of the Government of the United States for the approval of certain contemplated improvements in the St. Clair River at Port Huron, Mich. 1917. 9p.

Order and opinion in the matter of the application of the Government of the United States for the approval of certain contemplated improvements in the St. Clair River at Port Huron, Mich. 1917. 52p.

Includes hearings on the application.

St. Croix Fishways Case

Application of the Commissioner of Inland Fisheries and Game for the State of Maine for authority to erect and repair fishways in the St. Croix River. 1923. 71

Type-written ms..

Statement in response of Canadian Cottons, Limited to the application of the Commissioner of Inland Fisheries and Game for the State of Maine. 1923. 3p.

Order of approval and hearings in the matter of the St. Croix River Fishways. 1924. 136p.

Includes application, arguments and statement in response filed on behalf of the Canadian Cottons, Limited.

St. Croix River Power Cases

Application of the St. Croix Water Power Company for approval of the diversion of waters of the St. Croix River. 1914. 6p.

Application of the Sprague's Falls Manufacturing Company, Limited for the approval of the diversion of the waters of the St. Croix River. 1914. Sp.

Hearings and arguments in the matter of the applications of the St. Croix Water Power Company and the Sprague's Falls Manufacturing Company, Limited for the approval of the obstruction, diversion and use of the waters of the St. Croix River. 1915. 195p.

Order and opinion in the matter of the application of the St. Croix Water Power Company and the Sprague's Falls Manufacturing Company, Limited for approval of a dam and power canal, and the obstruction, diversion and use of the waters of the St. Croix River at Grand Falls, in the State of Maine and the Province of New Brunswick. 1916. 13p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

- St. Lawrence Navigation and Power Investigation
 - Report on the St. Lawrence navigation and power investigation. 1921. 184p.
 - Report of the United States and Canadian Government engineers on the improvement of the St. Lawrence River from Montreal to Lake Ontario, made to the International Joint Commission. 1922. 104p.

This report included 10 volumes of economic and engineering data and 50 volumes of hearings that have not yet been published.

- Report to the International Joint Commission on navigation and power in the St. Lawrence River, by Hugh L. Cooper and Company, 1920. 20p.
- Comments on the Wooten-Bowden report to the International Joint Commission, by Hugh L. Cooper. 1921. 20p.
- Statement and engineering report by the Hydro-Electric Power Commission of Ontario to the Internatio Toint Commission. 1921.
- Economic aspects of the Great Lakes St. Lawrence Ship Canal, by Roy S. MacElwee and Alfred H. Ritter. Submitted as a brief to the International Joint Commission. 1921. 291p.
- Preliminary report of the Commission in opposition to the St. Lawrence Ship Canal and power project, State of New York. Albany, N. Y., [n.p.] 1921. 32p.
- Progress reports, 1,2,3, & 4 of the Commission in opposition to the St. Lawrence Ship Canal and power project. Albany, N.Y., n.p], 1922-23. v.p.
- The St. Lawrence waterways and power project. Facts compiled at the request of the members of the Shipping Federation of Canada in opposition to the project.

 Montreal, [n.p.] 1923. 114p.
- Report of Joint Board of Engineers on the St. Lawrence Waterway. 1927. 2v.
- Report of the chairman of the United States St. Lawrence Commission upon the development of the shipway from the Great Lakes to the sea. 1926. 50p.

^{1.} Items marked by ? are unknown because the publication is not available for mexamination.

St. Lawrence Waterway project: 1. Correspondence between the Governments of Canada and the United States, 1927-1928.

2. Report of the Canadian National Advisory Committee, January, 1928, and observations thereon by certain of its members. 3. Orders-in-council referring to the Supreme Court of Camada certain questions as to water power rights of the Dominion and provinces.

Many private documents either for or against this project, were filed with the Commission, some of which may be secured from the Great Lakes, St. Lawrence Tidewater Association, Duluth, Minn.; or from the Canadian Deep Waterways and Power Association, Toronto.

St. Lawrence River Power Case

- Application of the St. Lawrence River Power Company for approval of permit no. 38786-64 granted September 10, 1917, by the Secretary of War of the United States to extend to Long Sault Island by means of a submerged weir, the jetty or deflecting dyke in the south channel of the St. Lawrence River at the mouth of its power canal at Massena, N.Y. 1915. Sp.
- Petition for permission to amend application of St. Lawrence River Power Company. 1918. 2p.
- Statement in response on behalf of the Dominion of Canada to the application of the St. Lawrence River Power Company. 1915. 7p.
- Statement in response on behalf of the State of New York to the application of the St. Lawrence River Power Company. 1918. 5p.
- Statement in response on behalf of the Dominion Marine
 Association to the application of the St. Lawrence River
 Power Company. 1918. 2p.
- Statement in response on behalf of the Harbour Commissioners of Montreal to the application of the St. Lawrence River Power Company. 1918. 2p.
- Statement in response on behalf of the Montreal Board of Trade to the St. Lawrence River Power Company. 1918. lp.
- Statement in response to the application of the St. Lawrence River Power Company. 1918. 3p.
- Statement of the Commission of Conservation in response to the application of the St. Lawrence River Power Company. 1918. 3p.

- Interim order and opinion in the matter of the application of
 the St. Lawrence River Power Company. 1918. 26p.
- Opinion by Mr. Powell in the matter of the application of the St. Lawrence River Power Company. 1918. 23p.
- Hearings, interim order and opinions in the matter of the application of the St. Lawrence River Power Company. 1919. 305p.
- Application of the St. Lawrence River Power Company for approval of a further continuance of the submerged weir constructed in the year 1915, under an interim order of the International Joint Commission, in the south channel of the St. Lawrence River below the mouth of the St. Lawrence River Power Company's power canal near Massana, New York. 1922. 14p.
- Statement in response on behalf of the Dominion of Camada to the application of the St. Lawrence River Power Company. 1922. 9p.
- Hearings and order in the matter of the application of the St. Lawrence River Power Company for approval of the further continuance of the submerged weir constructed in the year 1915, under an interim order of the International Joint Commission, in the south channel of the St. Lawrence River below the mouth of the St. Lawrence River Power Company's power canal near Massena, New York... 1923. 35p.
- Application of the St. Lawrence River Power Company for authorization to raise the crest of its submerged weir in the south channel of the St. Lawrence River at the mouth of its power canal at Massena, New York. 1928. 23p.
- Statement in response on behalf of the Shipping Federation of Canada, Inc. to the application of the St. Lawrence. River Power Company. 1928. 2p.
- Statement of the Hydro Electric Power Commission of Ontario in response to the application of the St. Lawrence River Power Company. 1928. 7p.
- Note: Type-written statements in response were also filed by the following: Harbour Commissioners of Montreal, Montreal Board of Trade, the Dominion Marine Association, the Shipping Federation of Canada, the Montreal Chambre de Commerce, Canadian Cottons, Limited and the Corporation of the village of Morrisburg.

It was decided on April 23rd, 1928 to postpone the final hearing of the application sine die..

St. Mary and Milk Rivers

- Hearing and argument in the matter of the measurement and apportionment of the waters of the St. Mary and Milk Rivers and their tributaries in the United States and Canada under article VI of the treaty of January 11, 1909, between the United States and Great Britain. 1915. 306p.
- Memorandum concerning the St Mary and Milk River Arrigation projects submitted on behalf of the United States. 1915.
- Argument and memorandum submitted on behalf of the Government of the Dominion of Canada. 1915. 49p.
- Factum filed on behalf of the Canadian Pacific Railway Company. 1915. 31p.
- Supplemental argument in the matter of the measurement and apportionment of the waters of the St. Mary and Milk Rivers and their tributaries in the United States and Canada under article VI of the treaty of January 11, 1909, the United States and Great Britain. 1917. 199p.
- Reply, brief and argument filed on behalf of the Canadian Pacific Railway Company in support of proposition that article VI relates to all of the waters of the two rivers and their tributaries. 1917. 28p.
- Reargument in the matter of the measurement and apportionment of the waters of the St. Mary and Milk Rivers and their tributaries in the United States and Canada, under article VI of the treaty of January 11, 1909, between the United States and Great Britain ... 1921. 200p.
- Water supply of St. Mary and Milk Rivers, 1898-1917, by R.J. Burley and B. E. Jones. Prepared under the direction of the Reclamation Service of Canada, United States Reclamation Service and U. S. Geological Survey. 1920. 590p.
- Hearing in the matter of the measurement and apportionment of the waters of the St. Mary and Milk Rivers and their tributaries in the United States and Canada, under article VI of the treaty of January 11, 1909, between the United States and Great Britain. Chinook, Montana, Lethbridge, Alberta, September 15 and 17, 1921. 1923. 91p.
- Order, October 4, 1921, and recommendations, October 6th 1921, in the matter of the measurement and apportionment of the waters of the St. Mary and Milk Rivers and their tributaries in the United States and Canada, under article VI of the treaty of January 11, 1909, between the United States and Great Britain.

St. Marys River Power Cases

- Application of Clarence M. Brown, Receiver of the Michigan Lake Superior Power Company, for approval of proposed lease with the United States, and of diversion of water, contruction of compensating works, and plans therefor, and all acts authorized in said lease. 1913. 9p.
- Statement in response on behalf of the Dominion of Canada to the application of Clarence M. Brown, Receiver of the Michigan Lake Superior Power Company. 1913. 9p.
- Statement in reply by Michigan Northern Power Company to statement in response on behalf of the Dominion of Canada. 1913. 13p.
- Statement in response on behalf of the Province of Ontario to application of Clarence M. Brown, Receiver of the Michigan Lake Superior Power Company. 1913. 4p.
- Statement in reply by Michigan Northern Power Company to statement in response on behalf of the Province of Ontario. 1914. 5p.
- Brief for the United States. Reply to statement in response of the Dominion of Canada. Reply to statement in response of the Province of Ontario. 1914. 26p.
- Application of Algoma Steel Corporation, Limited for approval of the construction of compensating works and plans therefor in the St. Marys River. 1913. 4p.
- Statement in response by the Michigan Norther Power Company to application of Algoma Steel Corporation, Limited. 1914. 2p.
- Hearings and arguments in the matter or the applications of the Michigan Northern Power Company and the Algoma Steel Corporation, Limited for the approval of the obstruction, diversion and use of the waters of the St. Marys River at Sault Ste. Marie. 1914. 238p.
- Opinion in the matter of the application of the Michigan Northern Power Company for approval of proposed lease with the United States and diversion of water, construction of compensating works and plans therefor, and all acts authorized in said lease. 1913. 12p.

This opinion was rendered on request of the Michigan Northern Power Company, of the United States, for a ruling on the question whether plans accompanying the application of the said company should have the approval of the Secretary of War as a prerequisite to the consideration of said application

- by the International Joint Commission. The Algoma Steel Corporation, of Canada, joined the Michigan Northern Power Company in this request.
- Order and opinion in the matter of the application of the Michigan Northern Power Company for approval of the Obstruction, diversion and use of the waters of the St. Marys River on the United States side of the international boundary at Sault Ste. Marie, Michigan. 1914. 23p.
- Order and opinion in the matter of the application of the Algoma Steel Corporation, Limited for approval of the obstruction, diversion and use of the waters of the St. Marys River on the Canadian side of the international boundary at Sault Ste. Marie, Ontario. 1914. 23p.
- Minority opinion (by Mr. Powell) in the matter of the application of the Michigan Northern Power Company and the Algoma Steel Corporation, Limited for approval of diversion of water, construction of compensating works and plans therefor, in the St. Marys River at Sault Ste. Marie. 1914. 6p.
- Report (by Mr. McGrath) in the matter of the applications of the Michigan Northern Power Company and the Algoma Steel Corporation, Limited for approval of diversion of water, construction of compensating works, and plans therefor, in the St. Marys River at Sault Ste. Marie. 1914. 33p.

Shoal Lake Diversion Case

- Application for approval of the diversion of water from Shoal Lake by Greater Winnipeg water district for domestic and sanitary purposes. 1913. 3p.
- Statement in response of the town of Kenora to the application of the Greater Winnipeg water district. 1913. 2p.
- Hearings and arguments in the matter of the application of the Greater Winnipeg water district for approval of the diversion of the water of the Lake of the Woods and Shoal Lake for sanitary and domestic purposes. 1914. 104p.
- Opinion and order of approval in the matter of the application of the Greater Winnipeg water district for approval of the diversion of the waters of the Lake of the Woods and Shoal Lake for sanitary and domestic purposes. 1914. 22p.

Trail Smelter Investigation

Still in progress.

Watrous Island Boom Case

- Application of Watrous Island Boom Company for approval of plans for boom in Rainy River. 1912. 7p.
- Statement in response of the Dominion of Csnada to the application of Watrous Island Boom Company for approval of plans for boom in Rainy River. 1912. 3p.
- Decision and order of approval in the matter of the application of the Watrous Island Boom Company for approval of plans for boom in Rainy River. 1913. 89p.

Includes hearings in the case.

Catalogues and Indexes

Papers relating to the work of the International Joint Commission. Ottawa, [n.p.], 1929. 171p.

A list of the documents of the International Joint Commission up to 1928 may be found on p. 149-166.

Bibliography

- Canada and its provinces ... v.6. Glasgow, Brook and Co., 1914-1917. 23v.
- Canada year book, 2nd series, 1926-1930. Ottawa, King's Printer, 1906-1v.1-7
- Canadian almanac ... 1933. v.p., v.p., 1856?-[v.1-]
- International Joint Commission. Papers relating to the work of the International Joint Commission. Ottawa, [n.p.] 1929. 171p.

The Department of Indian Affairs

History

The British Government very early felt responsibility for the welfare of the Indians of its North American territory, and until 1830 this care was largely exercised under military authority. As early as 1755 a Superintendent of Indian Affairs was appointed, and in 1794 the office of Deputy Superintendent was also created. Some question arose as to whether the Indians were under military or civil control, so in 1830 their supervision was assigned to the Lieutenant Governor in Upper Canada and to the Commander of the Forces in Lower Canada. This plan was continued until 1844, when in accordance with the recommendations of a commission appointed to investigate Indian affairs, the Indian Department was centralized in Montreal under the Civil Secretary, in order that the routine of administration might be removed from the shoulders of the Superintendent of Indian Affairs, and his entire time devoted to the welfare of the Indians. From 1860-1867 the Indians were placed under the administration of the Department of Crown Lands, but at Confederation they were assigned to the Secretary of State. This arrangement continued until the Department of the Interior was organized in 1873, when they became a responsibility of the new department.

In 1880, due to the fact that Indian affairs had become an engrossing duty, a separate department was organized in order to give them more adequate attention. From that time to the present the Minister of the Department of the Interior has always borne the added title of Superintendent-General of Indian Affairs, except from 1883-1887, when Sir John Macdonald held the office, jointly with the presidency of the Privy Council. The Deputy Superintendent-General has the rank of deputy minister.

From 1922-1927 the care of the Eskimos was also assigned to this department, but in 1927 it was reassigned to the North-West Territories and Yukon Branch of the Department of the Interior.

Functions

In general the function of the branch or department in charge of Indian affairs, has been to administer all matters relating to the Indians of Canada, including the protection of their rights and property, the care of health, regulation of the sale of intoxicants and their advancement in the arts of civilization by education and training in industrial pursuits.

^{1. 43} Vict., Chap 28.

-257- Chapter X

An Indian trust fund has accumulated through the sale and lease of lands, timber and minerals, and is administered by the Department for the benefit of the Indians. In 1931 this amounted to \$13,580,007.

Each province and territory has set aside land as Indian Reserves, and each Reserve is supervised by governmental officials who administer government and justice, maintain schools, protect health and establish and encourage industries. The leading industry on every reserve is agriculture. Engineering projects are continuously in progress, such as the building of roads, dykes, bridges and irrigation and drainage systems. These are financed entirely by the federal government, or in cooperation with the provinces.

In 1933 there were 340 Indian schools, 80 of which are maintained by various churches. Since 1920 education has been compulsory for Indians, and the Government aids promising students to attend high schools and universities. Pupils, on leaving school, are also aided in starting farming and house-keeping.

On some of the larger agencies a full-time physician is employed, and on others a part-time physician. In addition the Department provides field matrons and visiting nurses who give health instruction and apply simple remedies.

Much care is taken to prevent communicable diseases, and the result is that for a number of years there have been no serious epidemics.

Geological surveys have been conducted in the past few years, on the larger reserves of Alberta, with a view to the development of the natural gas and petroleum of this region. This work has been halted for the past two years, by the economic depression.

The enfranchisement of the Indian has also been an interest of the Department, and in cases where it has seemed fitting after proper investigation, enfranchisement has been granted, which removes the Indian from the application of the Indian act.

After more than a century of care and supervision of the Indian by the Canadian Government, the results are gratifying. A few still hunt as their principal means of livlihood, but a far greater number are engaged in agriculture and they have creditable representatives in practically all the professions. As a whole they are self-supporting, the proportion of indigent Indians being less than that found among the white population.

In addition it is found that among the more enlightened classes, there is an improvement in physique, which indicates that they are overcoming the physical decadence that seemed at first to result from their contact with civilization.

During the Great War more than 4000 Indians enlisted for overseas service, and a number were decorated for gallantry in action.

Organization

The work of the Department is at present organized as follows:

Superintendent-General of Indian Affairs
Deputy Superintendent-General
Assistant Deputy and Departmental Solicitor
Secretary
Director of Medical Services
Registrar, Records Branch
Architect
Engineer

The work is divided among the following branches:

Secretary's Branch Lands Branch Schools Branch Surveys Branch Provincial Branches

Each province has a branch in charge of Indian affairs, which are organized with varying elaboration according to the magnitude of the work.

Publications of the Department of Indian Affairs

Note: Unless otherwise stated all publications are issued from Ottawa by the Queen's or King's Printer.

Canada. Indian Affairs, Dept. of

Serials

Annual report. 1881- [v.1-]

Preceded by Indian Office. Annual report, 1868-1879, which was issued 1868-1873 as appendix to the report of the Dept. of the Secretary of State and from 1874-1879 as appendix to the report of the Dept. of the Interior. Reports were more detailed from 1880-1913, since when the work has been reported in outline.

Issued also in Sessional papers 1881-1924 and in Annual departmental reports, 1925-Issued also in French.

Special Publications

Auditor-General's report, 1928-1929. 1930. 68p.

By-laws of the Iroquois and Caughnawaga Indians. 1911. 8p.

Census of Indians in Canada, 1929. 1930. 32p.

Descriptions and plans of certain Indian Reserves in the Province of Manitoba and the North-West Territories, 1889. 1889. 113p.

Indian act, 1927. 1930. 66p.

Indian treaties and surrenders. [n.d.] 3v.

Maintenance and management of Indian boarding schools. 1912. 16p.

Prize list. 1929. 12p.

Schedule of fees for medical and surgical treatment of Indians. In.d] ?1

Schedule of Indian Reserves in the Dominion of Canada. 1929. 80p.

Special committees appointed to enquire into the claims of the allied Indian tribes of British Columbia. 1927. ?!

Standard medical and surgical supplies (Drug list no.3)
List for guidance of Indian agents, doctors, principals
of residential schools, etc. in making requisitions for
drugs and surgical supplies for treatment of Indians.
Form 242. 1930. ?1

Supplementary crop returns, showing areas sown and crops harvested on Indian Reserves during the calendar year, 1899. 1900. 59p.

Bibliography

Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.

Canada. Indian Affairs, Dept. of. Annual report, 1880-Ottawa, Queen's or King's Printer, 1881- [v.1-]

Canadian almanac 1933. v.p., v.p., 1856?- [v.l-]
Revised statutes of Canada, 1927. Ottawa, King's Printer, 1927-1928. 5v.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Department of Immigration and Colonization

History

Immigration has been a problem of major importance since the very early days of Canada. During the French régime the population of French Canada was doubled between 1665 and 1672, due to the vigorous immigration policy of Intendant Talon, with the backing of the French government. It is also of interest to note that undesirable citizens were returned to France, even at this early date, much to the displeasure of the home government.

The British immigration policy, as it related to Canada, had an early beginning in the establishment of Halifax in 1849, to offset the influence of the French in that region when Louisbourg was returned to France through the Treaty of Utrecht. The next immigration enterprise of major importance to British North America, was the assistance given to the Loyalists after the American Revolution. During this early period the colonists were very much alive to the fact that the chief need of the country was settlers, which resulted in attempts to secure assistance from the home government for Scottish immigrants. This was at first resisted, since it was felt that the large emigration already taking place from Scotland, on account of the unfavorable conditions of that period, was a thing to be discouraged, but finally, due to the

efforts of such enthusiasts as Lord Selkirk and Colonel Thomas Talbot, the Government was persuaded that it was expedient to direct such immigration toward British North America, and aid was given in the form of assisted transportation and grants of land in America. At the end of the Napoleonic Wars ex-officers and soldiers were also given similar aid as an alternative to pensions at home. In 1821 deplorable conditions of famine and disease in Ireland and the consequent movement of Irish labour into England led to assisted Irish immigration by the Government. The Poor law act of 1831 also made provision for assisted Irish immigration, so that between 1825 and 1832 six immigration enterprises were aided by the Imperial Government. After this period companies for promoting immigration were formed in Canada, particularly in Upper Canada, which were aided by the local governments on very satisfactory terms. All of these undertakings, added to a natural restlessness brought about by the success of relatives who had previously emigrated, resulted in a tremendous exodus from the United Kingdom in the period from 1830 to 1860.

The Province of Canada, in 1841, enacted its first

legislation in regard to immigration. This act provided transportation, medical care and support for indigent immigrants, until such time as they could establish themselves in Canada.

Later legislation provided for regulation of immigrant ships and the exclusion of undesirables. In the years just preceding

Confederation, the Immigration act was amended nine times in order to provide for the better care of immigrants.

The British North America act made immigration a joint responsibility of the federal and provincial governments, and it has so continued up to the present time in a very active sense. The Federal Government takes the entire responsibility for the admission of immigrants, but consults the needs and wishes of the provinces in determining its admission policy. In 1869 a new Immigration act was passed, and assigned to the Department of Agriculturel for administration. This department carried out a very vigorous immigration policy until 1892, in fact, during the early years of the Department, much more time was devoted to immigration than to agriculture, due to the exigencies of the time. In 1892 this work was re-assigned to the Department of the Interior, and was here administered until 1917, when the Department of Immigration and Colonization was constituted.²

unctions

The function of the Department is the administration of the Immigration act and the Chinese immigration act. This includes all matters relating to the encouragement of immigration, the selection, admission, exclusion and deportation of immigrants and their care and settlement in Canada. This has

^{1. 31} Vict., Cap. 53. 2. 8-9 Geo.V, Chap. 3.

been accomplished from time to time by means of establishing agencies in various sections of Canada and in Great Britain and European countries; by granting assistance for the expense of transportation to immigrants of British origin; by placing boys on Canadian farms to acquire local farming methods, until they can become self-supporting; by giving free land for farming purposes to a selected group and by careful regulation of the conditions surrounding immigrants en route to Canada. The methods of caring for immigrants have varied from time to time, in accordance with Canadian conditions. For example, immediately after the Great War, the encouragement of immigration was halted until returned soldiers were cared for, and during the present economic depression, all European immigration has ceased, and only self-supporting British subjects and those from the United States, with their dependents, are admitted. An exception is made in favour of those wishing to engage in household work and farm labour. Immigration agencies have been discontinued for the present, but agencies for giving information are still maintained. Thus the means and methods of carrying out the general objectives of the Department have shown a good deal of variation.

The cooperation of the British government in present day Canadian immigration has been of much importance, and has also varied with existing conditions. In general it has consisted of assisted transportation and of training young people for housework and farming in Canada, prior to their emigration.

The Chinese immigration act of 1923 restricts the admission of Chinese to government representatives, Chinese children born in Canada, students and merchants, the last being regulated by whatever conditions the Department may prescribe. The carrying out of the provisions of this act is the duty of the Department.

Organization

The Department is at present organized as follows:

Minister
Private Secretary to the Minister
Deputy Minister
Assistant Deputy Minister
Commissioner of Immigration and Chief
Controller of Chinese Immigration
Chief Commissioner of Colonization
Director of Publicity
Representative of the Treasury
Statistician
Supervisor, Juvenile Immigration
Supervisor, Juvenile Immigration
Supervisor, Women's Division
Registrar of Correspondence
Division Commissioner of Immigration, Western Division
Division Commissioner of Immigration, Pacific Division
Director of Soldier Settlement
Immigration Agents

Great Britain: Directors of European Immigration and Assistant Directors, London: Agents: Liverpool, Glasgow, Belfast; Information Officers; Bristol, Cardiff, Inverness. Continent of Europe: Agents, Antwerp, Hamburg, Paris.

Publications of the Department of Immigration and Colonization

Note: Unless otherwise stated all publications are published from Ottawa and by the King's Printer.
Publications relating to immigration, prior to 1918, were issued as follows: 1869-1892 by the Dept. of Agriculture; 1892-1918 by the Dept. of the Interior.

Canada. Immigration and Colonization, Dept. of

Serials

Annual report, 1918- [v.1-]

Issued also in Sessional papers, 1919-1924 and in Annual departmental reports, 1925-

Canada week by week. 1924-1925. v.

A weekly bulletin distributed mainly to newspapers in the United States.

Settlers letters leaflets. [n.d.] v.p. (Unnumbered series)

 ${\mathbb A}$ series of leaflets giving the experience of settlers in Canada.

Special Publications

Assisted settlement of approved British families. 1924. 48p.

American agricultural editors' booklet. 1925. 50p.

A publication on western Canada published for the excursion of the American Agricultural Editor's Association.

Boy Scout booklet. 1929. 23p.

Published in connection with the Boy Scout Jamboree in England.

Boy settlement in Canada. [1929] 32p.

British family settlement in New Brunswick, Canada. 1929. 36p.

Canada and immigration. 1927. 59p.

Canada: descriptive atlas. 1927. 80p. illus. maps.

Canada; information for settlers. Railroad rates - customs - quarantine regulations - homestead regulations - assistance and advice. 1928. 7p.

Canada West. 1918. 40p.

Issued in British, French and United States editions.

Canada, where, when and how. 1921. 40p.

Canada's new wonder wheat. 1925-1926. 7p.

The Garnet wheat.

Chinese immigration act and regulations. 1923. 27p.

Eastern Canada. 1921. 32p.

Reprints published as British, French and United States editions.

Farm opportunities in Canada. 1924. 31p.

British, Danish, French, Irish Free State and United States editions published also.

The houseworker in Canada. Opportunities for success, work and wages; where to go and what to take. 1928. 25p.

Immigration act and regulations. 1923. 59p.

Same, 1929. 52p.

Immigration facts and figures; issued under the direction of J. A. Calder. 1918. 22p.

Information for shipping settlers' effects to western Canada. 1925. 8p.

Kanada. Die neue heimat ... Hrsg. auf ordnung Hon. Robert Forke... 1928. 32p.

Also issued in the Hungarian and Slovakian languages.

Land settlement, Canada. Where to go for advice. [1928] 24p.

Lectures. 1925. v.p.

Four sets of lectures published for the use of Canadian representatives in Great Britain.

Manual of citizenship; information for the new Canadian. 1928. 33p.

Published also in Czech, Croatian, Dutch, French, German, Magyar, Norwegian, Serbian, Slovak and Welsh.

Map folder of the world. [1929] ?1

On the doorstep of prosperity in western Canada. 1927. 30p.

Report on juvenile immigration. 1926. 4p.

Select Standing Committee on Agriculture and Colonization; minutes of proceedings and evidence and report. 1928. \$26p.

Issued in blue book form only.

Selected British families settlement booklet. 1924. ?1

Wall map of Canada. [n.d., ?1

What British editors say about Canada. 1921. 20p.

Winning through. 1929. 46p.

A workshop of the world. 1927. 4p.

Catalogues and Indexes

There are no general catalogues or indexes to the publications of the Dept. of Immigration and Colonization.

Bibliography

Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.

Canada. Immigration and Colonization, Dept. of. Annual report, 1917- Ottawa, King's Printer, 1918- [v.l-]

Cenada year book, 2nd series, 1930. Ottawa, King's Printer, 1906- [v.l-]

Canadian almanac ... v.p., v.p., 1856?- cv.l-

Canadian annual review ... 1902- Toronto, Annual Review Publishing Co., 1902- [v.1-]

(Cowan, Helen I., British emigration to North America, 1783-1837. Toronto, Toronto University Library, 1928. 275p. (University of Toronto, Studies, v.4. History and Economics, no.2)

List of the serial publications of foreign governments, 1815-1931.

Edited by Winifred Gregory. N.Y., H.W. Wilson Co., 1932. 730p.

Revised statutes of Canada, 1927. Ottawa, King's Printer, 1927-5v.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Soldier Settlement Board

History and Functions

The Soldier Settlement Board was organized under the Soldier settlement actlof 1917, for the purpose of assisting soldiers fitted for farm life, to settle on the land. This was done by means of loans for the purchase of land, stock and equipment. The loans were made without interest for the first three years and at the rate of 5 per cent thereafter. From 1917 to 1923 the Board was administered under the Minister of the Interior, but at this time it was placed under the Minister of Immigration and Colonization where, it has operated as part of the Lands Branch of the Department.

The work of the Board consists of judging the fitness of applicants, granting loans, taking charge of the repayment of these loans and supervising the purchase of land and equipment.

In 1919 the powers of the Board were enlarged, and a new act passed which admitted soldier settlers from other parts of the British Empire to the advantages of loans and the services of the Board, when they were judged to be fitted for farm life in Canada. The Board now operates under the Soldier settlers' act² of 1919, which has several times been amended to suit situations that have developed. The most notable change was the entire revaluation of soldier settlers' lands from 1927 to 1929.

Due to the economic depression it has often been difficult for the soldiers to meet the payments due on loans, but the

^{1. 7-8} Geo. V, Chap. 21. 2. 9-10 Geo. V, Chap. 71

Board have adopted a very lenient policy, and due to its recommendations, this indebtedness was reduced 30 per cent in 1931. By the end of 1932, 22886 farm properties were being administered, and 24715 soldiers had been assisted by loans.

In 1931, as the result of a complete survey undertaken by the Minister of Immigration and Colonization, the work was completely reorganized, and instead of three commissioners, nine executive branches and eleven district offices; it is now carried on by a single Director and three executive branches. The organization at present is as follows:

Director of Soldier Settlement Chief Accountant Superintendent of Agriculture Superintendent of Estates and Securities District Superintendents
One for each of the following districts:
Maritimes, St. John;
Ontario, Toronto;
Manitoba, Winnipeg;
Saskatchewan, Saskatoon;
Alberta, Calgary and
Edmonton;
British Columbia, Vancouver

Publications of the Soldier Settlement Board

Canada. Soldier Settlement Board.

Serials

Land settlement. Soldier Settlement Board of Canada ... 1921-[v.1-]

Biennial 1921-1923; annual-1924-Issued also in Sessional papers, 1922-1924. Title varies.

Special Publications

Useful hints on ... home management. The Soldier Settlement Board of Canada, Ottawa. 1930. 40p.

Bibliography

Canada year book, 2nd series, 1918- Ottawa, King's Printer, 1906- [v.l-]

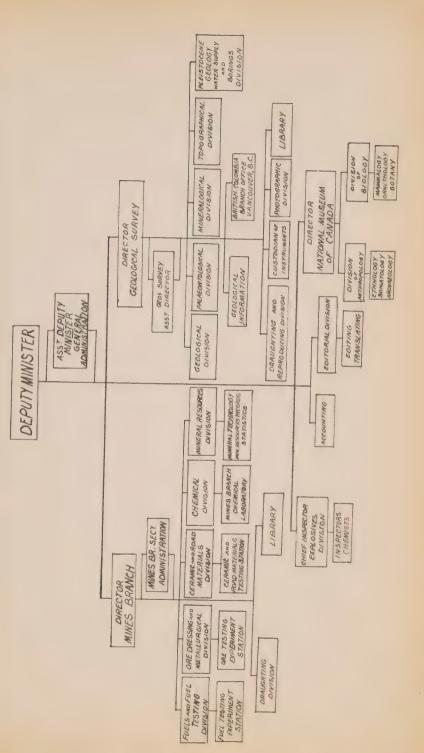
Canadian annual review ... 1917- Toronto, Annual Review Publishing Co., 1902- [v.1-]

Revised statutes of Canada. 1927. 5v.

Statutes of Canada, 1917. 1917. v.p.

Same, 1919. 1919. v.p.





CHAPTER XI

DEPARTMENT OF MINES DOMINION FUEL BOARD

Department of Mines

History

Prior to the organization of the Department of Mines in 1907, there was no general supervision of the mining interests of Canada by the Dominion Government. The Geological Survey, which was organized in 1842, had taken care of the geological aspects of the work, and the office of superintendent of Mines, created in 1884 in the Department of the Interior, had supervised the inspection and leasing of mining lands and related duties, and established assay offices at points where they were needed. In 1907, due to the expansion of mining interests, it was found necessary to establish the Department of Mines¹, but the inspection and leasing of mining lands, the title to which is vested in the Dominion Government, is still under the Department of the Interior, while the scientific and technical phases of the work are the responsibility of the Department of Mines.

The new department at first included only the Geological Survey and the Mines Branch. The former was established in 1842 as an independent organization, and continued more or less on this basis until its incorporation into the Department of Mines, although from 1869 to 1873, it reported to the Secretary of State as the Minister in charge, and from 1873 to 1890, to the Minister of the Interior. Throughout its long existence, it has been under the direction of a succession of distinguished geologists, and has been notable for the high quality

^{1. 6-7} Edw. VII, Chap. 29.

of its work and publicat: as. Until 1880 the headquarters of the Survey were in Montreal, but at that date they were transferred to Ottawa. The Mines Branch has carried on research and investigations in relation to the mineral development of Canada since 1907.

In 1890, by act of Parliament¹, the duty of collecting and exhibiting material necessary for the study of geology, mineralogy, etc. was assigned to the Geological Survey, but the Survey had, on its own initiative, started this work at a much earlier date. It was at this time increased to include paleontology, anthropology and archaeology. In 1922 all museum activities were centralized, and in 1927 were officially designated as the National Museum of Canada. It is administered at the present time as a branch of the Department of Mines.

In 1920 the Explosives act² of 1914 was assigned to the Department for administration, and the Explosives Division was created, so that the Department of Mines now consists of the Mines Branch, the Geological Survey, the National Museum and the Explosives Division.

unctions

The general function of the Department is the furtherance of the development of the mining and metallurgical industries of Canada, and it is in the main a research department, the administration of mining lands and operations being the function of the provinces, the Department of the Interior and the Department of Indian Affairs. In its investigation, the Department

^{1. 53} Vict., Chap. 53. 2. 4-5 Geo. V, Chap. 31.

cooperates with the provinces and with industrial organizations at home and abroad. An understanding of its work may best be acquired by considering each branch and its divisions separately.

Mines Branch

The main objectives of the Mines Branch are the collection and dissemination of information of value to the Canadian mining, metallurgical and allied interests, and the investigation of resources of ores and minerals of economic interest, including fuels.

The Ore Dressing and Metallurgical Division carries on the following work:

- a. Investigations of metallic ores
- b. Investigations of non-metallic minerals
- c. Investigations in hydro-metallurgy

d. Investigations in pyro-metallurgy

The Division of Fuels and Fuel Testing has as its objective the more efficient utilization of the fuel resources of Canada, which includes the investigation of all grades of domestic coals, with a view to determining their character and usefulness.

The Ceramics and Road building Division directs its efforts principally toward improving the technology of the clay working industry and assisting those in the industry to overcome their technical difficulties through the researches of this division. Laboratory tests are also made of road construction materials and surveys of gravel deposits and rocks for rock surfacing are conducted.

The Mineral Resources Division carries on comparative studies of methods of mining and the marketing and utilization of minerals and their by-products.

The Library includes, in round numbers, 36,000 volumes on mineral technology and related subjects.

Geological Survey

The chief work of the Survey is the exploration and mapping of the mineral bearing regions of Canada and the determination of their nature and extent, by a large force of geologists who are constantly employed. Much useful incidental information is gathered in regard to soils, forests, water power and other natural resources. All of this information is made available in serial and special publications. The work is divided among the following divisions:

Geological Division
Paleontology Division
Mineralogy Division
Pleistocene Geology, Water
Supply and Borings
Division

Topographical Division braughting Division Photographic Division British Columbia, Branch Office Library

National Museum

The work of the Museum is carried on by two divisions: the Biology Division and the Anthropology Division which function as follows:

The Biology Division conducts original researches and investigations in mammalogy, ornithology and botany, cover-

ing the entire wild life of Canada.

The Division of Anthropology carries on original researches in linguistics, archaeology and physical anthropology, in relation to the aboriginal races of Canada.

In addition to research and the collection and arrangement of materials, the officers of the Museum carry on an educational program by means of lectures and the loan to educational institutions of exhibits, lantern slides, moving pictures and photographs.

Explosives Division

The administration of the Explosives actl, which is the function of this division, consists of the regulation of the manufacture, importation, distribution and inspection of explosives. The Division is assisted by the Royal Canadian Mounted Police, who are made Deputy Inspectors of Explosives.

Dominion Fuel Board

While this board is not a part of the Department of Mines, it is closely allied to it through the nature of its work, and a number of publications have been issued in collaboration, by the two organizations. The Fuel Board is discussed in the section immediately following.

^{1. 4-5} Geo. V, Chap. 31.

Organization

The general plan of organization has been discussed incidentally under the functions of the Department, but for convenience is given in outline below.

Minister of Mines Minister's Private Secretary Deputy Minister Assistant Deputy Minister Editor-in-Chief Representative of the Treasury Translator

Geological Survey Director Assistant Director Chief Geologist Geologists (9 in number) Associate Geologists (9 in number) Assistant Geologists (4 in number) Chief, Division Paleontology Palaeobotanist Invertebrate Paleontologist Assistant Invertebrate Paleontologist Chief, Division of Mineralogy Mineralogist Chemist Chief, Pleistocene Geology Water Supply and Borings Division Associate Geologist Junior Engineer Chief Topographical Engineer Surveys Engineers (4, Grade 4, Topographical Engineers (9 in number)
Junior Topographical Engineer
Chief, Draughting and Repro-

duction Division

Chief Photographer

Mines Eranch
Director
Secretary
Technical Assistants (2 in number)
Chief, Division of Mineral
Resources
Engineers (Grades 1,2,3,4)
Statistician
Chief, Division of Ore Dressing
and Metallurgy
Chief Chemist
Chemists
Assistant Chemists
Junior Chemists
Junior Chemists
Chief, Division of Fuels and
Fuel Testing
Superintendent, Fuel Testing
Laboratories
Chief Map Draughtsman

National Museum of Canada
Director
Chief, Biological Division
and Mammologist
Ornithologist
Chief Botanist
Ethnologists (2 in number)
Archaeologist
Assistant Archaeologist
Paleontology Curator
Hon. Curators; Ornithology
Entomology, Mineralogy

Explosives Division
Chief Inspector of Explosives
Inspectors of Explosives (2
in number)

Publications of the Department of Mines

Note: Unless otherwise stated all publications are issued from Ottawa and by the King's Printer.

Canada. Mines, Dept. of

Serials

Annual report. 1920- [v.1-]

Prior to 1920 reports of each branch were issued separately, 1920— a brief report of each branch is included in report of the Department.

Issued also in Sessional papers 1922-1924 and in Annual departmental reports 1925-

Special Publications

- ... Canada; geology, mines and metallurgical industries, by Wyatt Malcolm and A.H.A. Robinson. Second (triennial) Empire Mining and Metallurgical Congress, 1927. 1927. 214p.
- ... Mineral industries of Canada reach from coast to coast.
 A series of twelve advertisements published in the "Canadian mining and metallurgical bulletin" from April, 1927, to
 March, 1928. 1928. 15p.

Explosives Division

Serials

Annual report... 1919- v.l-

Publications. 1920- no.1-

Pamphlets on the care and handling of explosives. Issued also in French.

Geological Survey

Note: Lists giving maps under individual title may be found in the following:

Annotated catalogue of and guide to the publications of the Geological Survey, Canada 1845-1917, by W.F. Ferrier. 1920. 544p.

... Published maps (1917-1930 inclusive) List compiled by P.G. Moran... 1931. 16p.

Serials

Annual report, new series. 1885-1904. v.1-16.

Maps to accompany. Preceded by Report of progress... The following periods are covered by one report: 1887-83, 1890-91, others issued annually. Atlases accompany the following reports: 1895-91, 1894, 1895, 1897-1904. In 1906 each paper issued separately. No.1-11 issued also in French. Continued as Memoirs..., 1910- Issued also in Sessional papers 1891-1904.

Annual report on the mineral industries of Canada for 1905. 1907. 174p.

Published in Blue-book form and in <u>Sessional papers</u>, 1907. Issued also in French, 1914. Continued by Dept. of Mines. Mines Branch.

Bulletin, see Mines, Dept. of. National Museum. Bulletin.

Contributions to Canadian botany. 1894-1906. no.1-18.

No.1-12 issued as Contributions from the Herbarium.

Contributions to Canadian micro-paleontology... 1883-1892.

No.1-2 issued as Contributions to the micro-paleontology of the Cambro-Silurian rocks of Canada...

Contributions to Canadian paleontology... 1885-1910. no.1-4.

Economic geology series. 1926- no.1-

Figures and descriptions of Canadian organic remains. 1858-1865. Pt.14.

Guide books. 1913. no.1-10.

Maps to accompany.
Prepared for the twelfth international Geological Congress, each one covering the geological aspects of a section of the Dominion.
Issued also in French.

Memoir... 1910- No.1-

Maps to accompany.
Preceded by Annual reports, 1dd5-1904; 1905-1909, papers
1ssued separately.
Issued in 4 series: Geological, Anthropological, Biological,
Topographical.

Mesozoic fossils. 1876-1903. Pt. 1-5.

Map to accompany.

Mineral resources bulletin. 1903-1907. no.1-14.

Information given in condensed form.

1925- no.1-Miscellaneous series.

No.1 issued without series number as, Index to paleontology, 1847-1916. No.2 Index to paleontology, 1917-1926.

1865-1906. v.1-3, pt.4. Paleosoic fossils ...

1914 no.1. Prospector's handbook.

1842-1884. 26v. in 17. Report of progress ...

One report covers each of the following periods: 1842-1843, 1853-1856, 1863-1866, 1866-1869, 1880-1882, 1882-1884. No report printed 1859-1862 and 1869-1870.

Atlases accompany reports for 1853-1856, 1877-1878, 1882-

1884.

Continued as Annual reports, new series

Seismological bulletin. 1930- no.1-

Summary of the mineral production of Canada. 1886-1906. v.

Issued in advance of the annual reports.

Summary reports. 1886- v.1-

Maps to accompany. 1869-1885 in Reports of progress and Annual reports; 1886-1889 as pt. 3 of the Annual report of the Department of the Interior; 1890-1920 in Sessional papers as separate report and 1921 - issued as part of the Dept. of Mines. Report. Published in English and French.

Special Publications

Additions to the insect-fauna of the Tertiary beds at Quesnel, (British Columbia) Montreal, in.p., 1878. Sp.

Reprinted from Report of progress..., 1876-1877.

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Altitudes in the Dominion of Canada, with a relief map of North America, by J. White. 1901. 266p.

Maps and profiles to accompany.

Supplement issued as <u>Dictionary of altitudes</u> in 1903, by the Dept. of the Interior; 2nd edition issued in 1915 by the Commission of Conservation.

... Annotated list of economic mineral deposits in Canada to accompany mineral map of the Dominion of Canada, 1924, by G.A. Young. 1924. 57p.

Reprint of appendix to Geology and economic minerals in Canada, 1926.

Annotated list of minerals occurring in Canada, by G.C. Hoffman. Montreal, [n.p.] 1890. 67p.

Reprint from the Royal Society of Canada. Proceedings and transactions, v.7, 1899.

The archaeology of Blandford township, exford County, entaric, by W.J. Wintemberg. [1913] 14p.

Reprint from Victoria Memorial Museum. Bulletin no.4.

Biological Division. Zoology. [1915] 15p.

Reprint from Summary report ... 1914.

Canadian fossils, containing descriptions of new genera and species, from the Silurian and Devonian formations of Canada; with some species previously described, but now for the first time indicated as occurring in Canada, by E. Billings. Montreal, [n.p., 1858] 31p.

Extract from the report of the Geological Survey ..., 1857.

Catalogue of a stratigraphical collection of rocks prepared for the World's Columbian Exposition, Chicago, 1893, by W.J. Ferrier. 1893. 130p.

Catalogue of Canadian birds, by John Macoun. 1900-1904. 3v.

In 3 parts, parts 2 and 3 paged continuously.

Same, rev. edition, by John Macoun and J.M. Macoun. 1909. 780p.

Issued also in French.

Catalogue of Canadian plants, by John Macoun. Montreal, [n.p.]. 1883-1902. 192p. 7v.

Pt.III. Apetalae Pt.IV. Endogens Pt.VII. Lichens and Hepaticae

Catalogue of some of the economic minerals and deposits of Canada, with their localities, by W. E. Logan. Toronto, [n.p., 1850. 5p.

Reprint of appendix to Report of progress ..., 1849-1850.

Catalogue of the marine invertebrata of eastern Canada, by J.F. Whiteaves. 1901. 272p.

Title page incorrectly numbered as 772 instead of 722.

Catalogue of the Silurian fossils of the Island of Anticosti, with descriptions of some new genera and species, by E. Montreal, In.p., 1866. 93p. Billings.

The coal fields of Manitoba, Saskatchewan, Alberta and eastern British Columbia. 1909. lllp.

Map to accompany. Memoir no. 53 is a revised edition of this publication. Issued also in French.

Colonial and Indian Exhibition, London, 1886. Descriptive catalogue of a collection of the economic minerals of Canada. London, [n.p.], 1886. 172p.

Comparative vocabularies of the Indian tribes of British Columbia... with a map illustrating the distribution, by W.F. Tolmie and G.M. Dawson. Montreal, in.p., 1884. 131p.

Contributions to Canadian natural nistory, by W.S. D'Urban and R. Bell. Montreal, In.p. 1 1856. 40p.

Extract from Report of the Geological Survey ... 1858.

Cork International Exhibition, 1902. Economic minerals of Canada. 1902. 58p.

Map to accompany.

Descriptive catalogue of a collection of the economic minerals of Canada, and of its crystalline rocks. Sent to the London International Exhibition for 1862, by W.E. Logan. Montreal, [n.p.] 1862. 88p.

Includes a descriptive catalogue of a collection of the crystalline rocks of Canada, by T.S. Hunt.

Descriptive note on the Sydney coal field, Cape Breton, Nova Scotia, to accompany a revised edition of the geological map of the coal field, being sheets 133, 134, 135, N.S. Summarized from the report of the Geological Survey, with the addition of later observations, by Hugh Fletcher. 1900. 16p.

Maps to accompany.

A descriptive sketch of the geology and economic minerals of Canada, by G.A. Young, with an introduction by R.W. Brock. 1909. 151p.

Map to accompany.
Issued also in French, 1910.

A descriptive sketch of the geology and economic minerals of the Dominion of Ganada, by A.R.C. Selwyn and G.M. Dawson. Montreal, [n.p.] 1884. 55p.

To accompany map 411.

Early Cambrian stratigraphy in the North American Cordillera, with discussion of the Albertello and related faunas, by L.D. Burling. 1914. 37p.

Reprinted from Museum bulletin, no.2.

Esquisse geologique du Canada pour servir à l'intelligence de la carte geologique et de la collection des mineraux économiques envoyées à l'Exposition universelle de Paris, 1855, by W.E. Logan and T.S. Hunt. Paris,[n.p.] 1855. 100p.

Map to accompany. / No English edition published.

Same, Published without introduction, appendix and map. Paris, [n.p.], 1855. 31p.

Esquisse géologique du Canada, suivi d'un catalogue descriptif de la collection des cartes et coupes geologiques, livres imprimés, roches, fossiles et minéraux économiques envoyée à l'Exposition universelle de 1867, by T.S. Hunt. Paris, [n.p.] 1867. 72p.

No English edition published.

Exposition universelle de 1878 à Paris. Catalogue des minéraux, roches et fossiles du Canada; avec notes descriptives et explicatives. Traduit de l'anglais, par M. Paul de Cazes avec the concours de M. Alexis Delaire, par B.J. Harrington. Londre, 1878. 134p.

The Falls of Niagara, their evolution and varying relations to the Great Lakes; characteristics of the power and the effects of its diversion. 1908. 490p.

Maps to accompany.
Issued also in French, 1915.

The fossil plants of the Devonian and Upper Silurian formations of Canada, by J.W. Dawson. Montreal, n.p.] 1871. 92p.

The fossil plants of the Devonian and Upper Silurian formation of Canada, by J.W. Dawson. Montreal, [n.p.] 1871 and 1882. 142p.

Part 2 issued in 1882, and paged continuously with Part 1, issued in 1871.

Geological reconnaissance of a portion of Algoma and Thunder Bay districts, Ontario, by W.J. Wilson. 1909. 49p.

Appendix 1. Notes on some fossils of the Cambro-Silurian rocks of the Albany River drainage system in northwestern Ontario, by J.F. Whiteaves.

Appendix 2. List of insects, by J.F. Fletcher. Issued also in French, 1910.

A geological reconnaissance of the region traversed by the National Transcontinental Railway between Lake Nipigon and Clay Lake, Ontario. 1910. 67p.

Maps to accompany.
Issued also in French, 1912.

Geological report on the Chibougamau mining region in the northern part of the Province of Quebec, 1905, by A.P. Low. 1906. 6lp.

Map to accompany.
Issued in English and French.

The geology and mineral resources of New Brunswick, by R.W. Ells. 1908. 135p.

Map to accompany.
Issued also in French.

Geology of an area adjoining the east side of Lake Timiskaming, Quebec, by M.E. Wilson. 1911. 46p.

Map to accompany. Issued also in French, 1914.

Glasgow International Exhibition, 1901. Economic minerals of Canada, by G.M. Dawson. 1901.

Handbook giving a descriptive sketch of the mineral resources of the Dominion.

Grand Industrial Exhibition, 1851. Catalogue of some of the economic minerals and deposits of Canada with their localities: prepared for the purpose of promoting a collection of native specimens applicable to useful purposes, to be sent to the Provincial Industrial Fair to be held at Montreal in October, 1850 and to the Grand Industrial Exhibition in London, 1851, by W.E. Logan. Toronto, In.p.] 1850. 3p.

Hydroids from Vancouver Island and Nova Scotia, by C. McL. Fraser. [1913] 40p.

Reprint from Victoria Memorial Museum. Bulletin, no.1.

Insects from the Tertiary beds of Nicola and Similkameen Rivers, British Columbia. Montreal, n.p.] 1879. 11p.

Reprint from the Report of progress..., 1877-1879.

The insects of the Tertiary beds at Quesnel (British Columbia), by S.H. Scudder. Montreal, n.p. 1877. 15p.

Reprint from the appendix to keport of progress..., 1375-1377.

Joint report on the bituminous oil-shales of New Brunswick and Nova Scotia, also on the oil shale industry in Scotland, by R.W. Ells. 1912. 136p. R.W. Ells.

Pt. 1, Economics. Pt. 2, Geology. Map to accompany.

Two reports, one from the Mines Branch and one from the Geological Survey, and published by both branches. Issued also in French, 1914.

List of Canadian Hepaticae, by W. H. Pearson. Montreal, In.p.] 1890. 3lp.

List of exhibits in the Canadian mineralogical section at the Paris Universal Exposition, 1876, arranged by A.n.C. Selwyn. Paris, [n.p.,] 1878. 8p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

List of land and fresh-water shells from the district of Keewatin collected by W. McInnes in 1904. 1905. 6p.

Extract from Report on a part of the North-West Territories ... by W. McInnes.

List of plants known to occur on the coast and in the interior of the Labrador Peninsula, by J.M. Macoun. 1896. 14p.

List of plants of the Manitoulin Islands, Lake Huron, by J. Bell. Montreal, [n.p.] 1890. 23p.

Lower Silurian fossils, by E. Billings. Montreal, In.p.J. 1859. 86p.

Extract from Report of the Geological Survey 1858 and 1859.

The marine algae of Vancouver Island, by F.S. Collins. 1913. $39p \cdot$

Reprint from Victoria Memorial Museum. Bulletin, no.1.

Moose Mountain district of southern Alberta, by D.D. Cairns. 1908. 55p.

Maps to accompany.

Same, 2nd ed. 1914. 62p.

Museum of the Geological Survey, Canada. Archaeology. The archaeological collection from the southern interior of British Columbia. 1913. 40p.

Issued also in French, 1916:

A new brachipod from the base of the Utica, by A.E. Wilson. 1913. 6p.

Reprint from the Victoria Memorial Museum. Bulletin, no.1.

A new genus of dicotyledonous plant from the Tertiary of Kettle River, Eritish Columbia.

A new species of Lepidostrobus, by J.W. Wilson. 1913. 8p.

Reprint from Victoria Memorial Museum. Bulletin, no.1.

New species of mollusks from the Atlantic and Pacific coasts of Canada, by W.H. Dall and P. Bartsch. [1913] 8p.

Reprint from Victoria Memorial Museum. Bulletin, no.1.

New species of Silurian fossils, by E. Billings. Montreal, ln.p.] 1861-1865. 344p.

Issued in 4 parts.

Notes on a small collection of organic remains from the I. Messenger Brook shales, Torbrook district, Nova Scotia.

Notes on the geological horizon indicated by the fossil II. plants recently determined by Professor Penhallow from various localities in British Columbia and the North-West Territories, Canada.

III. Description of a presumably new species of Bythotrephis (B. Yukonensis) from the Unihani River shales, Yukon

Territory.

Preliminary lists of fossil remains from various local-ities in New Brunswick. 1905. 15p. IV.

Reprint from Summary report ... 1904.

Notes on Canada. Presented to the Members of the Eleventh International Geological Congress, Stockholm, Sweden, with the compliments of the Geological Survey of Canada, by R.W. Brock. 1910. 14p.

Notes on Crustacea collected by Dr. G.M. Dawson at Vancouver and the Queen Charlotte Islands, by S. I. Smith. Montreal, in.p. 1880. 14p.

Reprint from Report of progress ... 1878-1879.

Notes on Cyclosystoides.

Notes on some new and old trilobites in the Victoria Wemorial Museum.

Description of some new Asaphidae. Two new species of Tedradium.

Kevision of the species that have been referred to the genus Bathyurus (Preliminary paper) by P.E. Raymond. 1931. 58p.

Reprint from Victoria Memorial Museum. Bulletin, no.1.

Notes on fossils from limestone of Steeprock Lake, Ontario, by C.D. Walcott. 1912. 11p.

Reprint from appendix to Memoir, no.28.

Notes on some Jurassic fossils, collected by Mr. G.M. Dawson in the coast range of British Columbia, by J.F. Whiteaves. Montreal,[n.p.] 1878. 10p.

Reprint from Report of progress ... 1d76-1877.

Notes on the Cretaceous fossils collected by James Richardson at Vancouver and the adjacent islands, by J.F. Whiteaves.
Montreal, [n.p.], 1874. 13p.

Author's name misprinted on cover as G.F. Whiteaves.

Notes on the fossil corals, by Mr. A.P. Low at Beechy Island, Southampton Island and Cape Chidley, in 1904. 1907. 9p.

Reprint from Mr. Low's report on the Cruise of the Neptune ...

Notes on the gold of eastern Canada: being a reprint of various reports of the Geological Survey of Canada from 1848 to 1863, with a preface by W.E. Logan. Montreal, [n.p.], 1864. 40p.

Notes on the Indian tribes of the Yukon district and adjacent northern portion of Pritish Columbia, by G.M. Dawson.
"Montreal, n.p., 1888, 23p.

Reprinted from the Annual report of the Geological Survey... 1887.

Observations on mining laws and mining in Canada with suggestions for the better development of the mineral resources of the Dominion, by E. Coste. Montreal, [n.p.], 1886. 15p.

Reprint from the Annual report of the Geological Survey...

The occurrence of Helodont teeth at Roche Miette and vicinity, Alberta, by L M. Lambe. 1913. 6p.

On some marine invertebrata from the Queen Charlotte Islands, J.F. Whiteaves. 1870. 16p.

Reprint from Report of progress... 1878-1879.

On Triouyx foreatus, Leidy, and Triouyx vagans, Cope, from the Cretaceous rocks of Alberta, by L.M. Lambe. 1902. 6p.

Reprinted from Summary reports ... 1901..

Parallelism of the Quebec group... by E. Billings. Description of a new trilobite from the Quebec group, by T. Devine.

On the remains of the fossil elephant found in Canada, by E. Billings. Montreal, [n.p.] 1863.

Reprint from the Canadian naturalist and geologist, v.3, articles III, VIII, XI.

Paris International Exhibition, 1900. Economic Linerals of Canada, by G.M. Dawson. [1900] 54p.

A handbook giving a descriptive sketch of the mineral resources of Canada.

Issued also in French.

Paris International Exhibition, 1900. Economic minerals of Canada, by G.M. Dawson, 1900. 217p.

Issued also in French.

Petroleum, its geological relations considered with especial reference to its occurrence in Gaspé, being a report addressed to the Honourable Commissioner of Crown Lands... by T.S. Hunt. Quebec,[n.p.] 1865. 19p.

Map to accompany.

- Philadelphia International Exhibition, 1876. Descriptive catalogue of a collection of economic minerals of Canada, and notes on a stratigraphical collection of rocks. Montreal, [1876. 152p.
- Preliminary list of fossils from the Silurian (Upper Silurian) rocks of the Ekwan River and Sutton mill Lakes, Keewatin, collected by D.B. Dowling in 1901, with descriptions of such species as appear to be new, by J.F. Whiteaves. 1904. 24p.

Extract from Mr. Dowling's report on this region.

Preliminary lists of fossil organic remains from the rotsdam, Beekmantown (Calciferous) Chazy, Black River, Trenton, Utica and Pleistocene formation comprised within the Perth sheet (no.111) in eastern Ontario. 1905. 10p.

Reprint from the Annual report of the Geological Survey...

Preliminary lists of the organic remains occurring in the various geological formations comprised in the southwest cuarter sheet map of the Eastern Townships of the rrovince of Quebec. 1090.

450.

Reprint from the Annual report of the Geological Survey...

Preliminary report on a part of the Similkameen district, British Golumbia, by C. Gamsell. 1908. 41p.

Map to accompany. Issued also in French, 1915.

Preliminary report on a portion of the main coast of British Columbia and adjacent islands included in the Naniamo district. 1908. 56p.

Map to accompany.
Issued also in French, 1915.

Preliminary report to Gowganda mining division, district of Nipissing, Ontario, by W.H. Collins. 1909. 47p.

Map to accompany. Issued also in French, 1910.

A preliminary study of the variations of the plications of Parastrophia hemiplacata, Hall, by A.E. Wilson. 1914. 10p.

Reprint from Museum bulletin, no.2.

Prospecting in Canada by officers of the Geological Survey Ottawa... 1930. 288p.

A reconnaissance across the Mackenzie Mountains on the Pelly, Ross and Gravel Rivers, Yukon and North-West Territories, by J. Keele. 1910. 54p.

Issued also in French, 1914.

Remarks on the mining region of Lake Superior: addressed to the committee of the Honourable Executive Council, and report on mining locations claimed on the Canadian shore of the Lake, addressed to the Commissioner of Crown Lands, by W.E. Logan. Wontreal, In.p. 1847. 31p.

Report of the Section of Chemistry and Mineralogy, [1905] 1907. 71p.

Reprint from Summary report... 1912.

Report on a part of the North-West Territories of Canada drained by the Winick and upper Attawapiscat Rivers, by W. McInnes. 1911. 58p.

Report on a portion of Conrad and Whitehorse mining districts, Yukon, by D.D. Gairns. 1908. 38p.

Report on a portion of northwestern Ontario traversed by the National Transcontinental Railway between Lake Wipigon and Sturgeon Lake, by W.H. Collins. 1908. 23p.

Map to accompany. 2nd edition of map, 1909. Issued also in French, 1910.

Report on a recent discovery of gold near Lake Megantic, Quebec. 1908. 13p.

Map to accompany.
Date on English edition is defective.
Important erratum slip not included in some copies of English edition and omitted entirely from the French edition.
Issued also in French, 1918.

Report on a traverse through the southern part of the Worth-West Territories from Lac Seul to Cat Lake in 1902, by A.W.G. Wilson. 1911. 25p.

Map to accompany.
Issued also in French, 1914.

Report on Canadian graptolites, by J. Hall. Montreal,[n.p.] 1858. 39p.

Extract from Report of progress ... 1857.

Report on Cascade coal basin, Alberta. 1907. 37p.

Maps to accompany. In <u>Sessional papers</u>, 1907. Issued also in French, 1909.

Report on gold values in the klondike high level gravels, by R.G. McConnell. 1907. 34p.

Map to accompany, 1908. Issued also in French, 1908.

Report on the Cambrian rocks of Cape Breton, by G.F. Matthew. 1903. 246p.

Includes several Cambrian species from New Brunswick.

keport on the copper deposits of the Eastern Townships of Quebec, with a review of the igneous rocks of the districts, by J.A. Dresser. 1908. 38p.

Maps to accompany.

Report on the Dominion Government s expedition to Hudson Bay and the Arctic Islands on board the D.G.S. Neptune, 1903-1904, by A.P. Low. 1906. 255p.

Maps to accompany. Issued also in French, 1913, and by the Dept. of Marine, 1906.

Report on the fossil plants of the Lower Carboniferous and Millstone Grit formations of Canada, by J.W. Dawson. Montreal, [n.p.] 1875. 47p.

Report on the geology and natural resources of the area included in the Nipissing and Timiskaming map-sheets, com-prising portions of the district of Nipissing, Ontario and the County of Pontiac, Quebec, by A.E. Barlow. 1899. 302p.

Appendix I. List of elevations.

Appendix II. On some Cambro-Silurian and Silurian fossils from Timiskaming, Lake Nipissing and Mattawa outliers, by H.M. Ami. Maps to accompany.

Same, 2nd ed. 1908. 303p.

Report on the geology and natural resources, of the area included in the northwest quarter-sheet, number 122, of the Ontario and Quebec series, comprising portions of the Counties of Pontiac, Carleton and Renfrew. 1907. 71p.

Appendix: Preliminary lists of organic remains from the Chazy, Black River, Trenton and Pleistocene formations comprised within the area of the Pembroke sheet (no.122), by H.M. Ami.

Issued also in French, 1908.

Report on the gold region of Nova Scotia with appendices, by T.S. Hunt. 1868. 48p.

Report on the landslide at Notre-Dame de Salette, Lièvre River, Quebec, by R.W. Ells. 1908. 12p.

Issued also in French, 1908.

Report on the north shore of Lake Huron, by W.E. Logan. Montreal, [n.p.] 1849. 51p.

Plans to accompany. Contains a general account of the geology of a portion of the north shore of Lake Huron and a detailed description of the Bruce Mines.

Issued also as Appendix, no.1 (G) to v.8 of the <u>Journal of</u> the <u>Legislative Assembly</u>, 1849.
Issued also in French, 1910.

Report on the region lying north of Lake Superior, between the Pic and Nipigon Livers, Ontario, by W.H. Collins. 1909. 24p.

Map to accompany.
Issued also in French, 1910.

Report on the Tertiary plants of British Columbia, collected by Lawrence M. Lambe in 1906, together with a discussion of previously recorded Tertiary floras, by D.P. Penhallow. 1908. 167p.

Reports from the Anthropology Division. 1914. 59p.

Reprint from the Summary report... 1912.

Reports... on the gold region of Canada, [by A. Michel and T. Sterry Hunt] Montreal, M. Longman and Co., Printers, 1866. 72p.

Reports on the gold region of Hastings, transmitted by Dr. Hunt to the Hon. Commissioner of Crown Lands, Jan. 27, 1867, by T.S. Hunt and A. Michel. Montreal, [n.p.], 1867. 11p.

Reprint of a report on the origin, geological relations and composition of the nickle and copper deposits of the Sudbury mining districts, Ontario, by A.E. Barlow. 1908. 244p.

Map to accompany.
Issued also in French, 1908.

Smoky River coal field, Examination and comparison with the Kanaskis area, by James McEvoy. [1925] 19p.

Published in cooperation with the Dominion Fuel Board.

Some aspects of puberty fasting among the Ojibwa. 1914. 10p.

Reprint from Museum bulletin, no.2.

Summary report of the Anthropological Division for the calendar years, 1910 and 1911. Ethnology by E. Sapir and others, Archaeology, by H.I. Smith, 1912. 18p.

Reprint from Annual summary report ... 1910 and 1911.

Telkwa River and vicinity, B.C. 1908. 23p.

Map to accompany.
Issued also in French, 1914.

The Trenton crinoid, Ottawacrinus, [by W.R. Billings]
Note on Merocrinus, [by C.D. Walcott] 1913. 6p.

Reprint from Victoria Memorial Museum. Bulletin, no.1.

The vertebrata of the Swift Current Creek region of the Cypress Hills, by E.D. Cope. [Montreal, n.p.] 1836. 7p.

Extract from the Annual report ... 1885.

The Whitehorse copper belt, Yukon Territory, by R.G. McConnell. 1909. 63p.

Maps to accompany.
Issued also in French, 1917.

Wolverhampton International Exhibition, 1902. Economic minerals of Canada. 1902. 58p.

Map to accompany.

Zoology. [1916] 16p.

Reprint from Summary report ... 1915.

Maps

Note: The following maps are of a general character and were not made to accompany any special report.

Carte géologique du Canada. 1855. 150 miles to 1 inch.

Geological map of Canada and the adjacent regions, including parts of other British provinces and the United States. 1865-(dated 1864). 125 miles to 1 inch.

Geological map of the Dominion of Canada (Western sheet) 1902. (Dated 1901) 50 miles to 1 1nch.

Geological map of the Dominion of Ganada and Newfoundland. 1913.

Map of the Dominion of Canada geologically colored. [1884] 5 miles to 1 inch.

Relief map of Canada and the United States. 1900. 250 miles to 1 inch.

Western Canada. Geology. 1909. 100 miles to 1 inch.

Mines Branch

Serials

Annual report on the mineral production of Canada, 1907-1920. 1909-1921. [15v.]

Preceded by Canada, Geological survey. Section of mines. Annual report for 1886-1905.

Issued also in French.

Parts were separately printed, and issued in advance of the

Annual report.

Since 1920, reports on the mineral production in Canada have been published by Dominion Bureau of Statistics. Mining, Metallurgical and Chemical Branch.

Bulletin, 1909- no.1-

Nos. 2-4, 8-9, 11-12, issued also in French.

Canadian mineral industry. 1927-[v.1-]

General summary of the mineral production of Canada during the calendar year 1910-13, 1915, 1917. 1911-1918. [6v.]

Title varies.

Issued in advance of the Annual report. None were published for 1914 or 1916.

Investigations in ceramics and road materials (testing and research laboratories), 1923- 1925- [v.1-]

Earlier reports are found in the Summary report on Mines Branch investigations; ceramics, 1914-1922, road materials, 1916-1922.

Investigations in ore dressing and metallurgy (testing and research laboratories), 1923- 1925- [v.1-]

Earlier reports art found in the Summary report on Mines Branch investigations, 1907-1922.

Investigations of fuels and fuel testing (testing and research laboratories), 1923- 1924-[v.1-]

Earlier reports are found in the Summary report on Mines Branch investigations; fuels, 1907/08-1922, fuel testing, 1908-1922.

Investigations of mineral resources and the mining industry 1923- 1924- [v.1-]

Earlier reports are found in the Summary report of the Mines Branch 1907/8-1922.

Investigations of the peat bogs and peat industry. 1908-[v.l-]

Lists of mines and metallurgical plants in Canada. 1925-

Mineral resources of Canada: memorandum series. 1921- no.1-

Preliminary report on the mineral production of Canada in 1907-1920. 1908-1921. [14v.]

Preceded by Canada. Geological survey. Section of mines. Summary of mineral production of Canada for 1887-1906.
Since 1920 published by the Dominion Bureau of Statistics. Mining, Metallurgical and Chemical Branch.

The production of cement, lime, clay products, stone and other structural materials in Canada during 1908-1917. 1909-1922. [10v.]

Title varies.

Advance chapters of the Annual report on the mineral production of Canada.

The production of coal and coke in Canada during the calendar year 1907/08-1920. 1909-1921. [13v.]

Title varies.

Advance chapter of the Annual report on the mineral production of Canada, 1907/08-1917.

From 1920, continued as Dominion Bureau of Statistics.
Mining, Metallurgical and Chemical Branch. Coal statistics.

The production of copper, gold, lead, nickel, silver, zinc and other metals in Canada. 1911-1920. 1912-1921. [lov.]

Advance chapters of the Annual report on the mineral production of Canada, 1911-1917.

Since 1920 reports on the mineral production of Canada have been published by the Dominion Eureau of Statistics. Mining, Metallurgical and Chemical Branch.

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The production of iron and steel in Canada during 1907/08-1919. 1908-1919. [12v.]

Issued also in French, 1912.

Advanced chapters of the annual report on the mineral production of Canada, 1907/08-1917.

Since 1920 continued as the Dominion Bureau of statistics. Mining, Metallurgical and Chemical Branch. Iron and steel and their products.

Summary report of the mines branch for 1907/08-1922. 1923. [16v.]

Issued also in French.

Preceded by Canada. Dept. of the Interior. Mines Branch. Report of the Superintendent of Mines.

Usually issued also in Sessional papers.

Title varies.
From 1923 continued as:

Investigations of the mineral resources and the mining industry investigations in ore dressing and metallurgy Investigations of fuels and fuel testing Investigations in ceramics and road materials

Special Publications

Abrasives; products of Canada: technology and application, by V.L. Eardley-Wilmot. 1927-1929. 4v.

Pt.I. Siliceous abrasives: sandstones, quartz, tripoli, pumice, and volcanic dust.

Pt.II. Corundum and diamond.

Pt.III. Garnet.

Pt.IV. Artificial abrasives and manufactured abrasive products and their use.

Anhydrite in Canada, occurrence, properties and utilization, by L. Heber Cole and R.A. Rogers. 1933. 89p.

Austin Brook iron-bearing district, New Brunswick, by Einar Lindeman. 1913. 15p.

Issued also in French.

Barium and strontium in Janada, by H.S. Spence. 1922. 100p.

Bentonite. by H.S. Spence. 1924. 35p.

Bituminous sands of northern Alberta, by S.C. Ells. 1924. 35p.

Preliminary report was issued in 1914.

Bituminous sands of northern Alberta: occurrence and economic possibilities. Report on investigations to the end of 1924, by S.C. Ells. 1926. 244p.

Maps to accompany in separate portfolio.

Canadian limestones for building purposes, by M.F. Goudge. 1933. 196p.

Central and district heating: possibilities of application in Canada, by F.A. Combe. [1924] 79p.

Prepared in cooperation with the Dominion Fuel Board.

Chrysotile asbestos in Canada, by J.G. Ross. 1931. 146p.

The clay and shale resources of Turner Valley and nearby districts, by W.G. Worcester. 1932. 125p.

Coke as a household fuel in central Canada, by J.L. Landt. 1925. 140p.

Prepared in cooperation with the Dominion Fuel Board.

Comparative tests of various fuels when burned in a domestic hot-water boiler, by E.S. Malloch and C.E. Baltzer. 1929. 92p.

Prepared in cooperation with the Dominion Fuel Board.

Comparison of the cost and convenience of house heating with various fuels, by E.S. Malloch. 1929. 8p.

Prepared in cooperation with the Dominion Fuel Board.

The copper smelting industries of Canada, by A.W.G. Wilson. 1913. 184p.

Issued also in French.

Development of chemical, metallurgical and allied industries in Canada, in relation to mineral industry, by A.W.G. Wilson. 1924. 329p.

Also published in two volumes:

V.I. Chemical industries.
V.II. Metallurgical and allied industries.

Diatomite: its occurence, preparation and uses, by V.L. Eardley-Wilmot. 1928. 182p.

Economic minerals and mining industries of Canada. 1913.

Issued also in French.

Economic minerals and mining industries of Canada. 1914. 78p.

Called 2nd edition in preface.

Special edition prepared for the Panama-Pacific Exposition,
San Francisco, 1915.

Electrothermic smelting of iron ores in Sweden, by Alfred Stansfield. 1915. 65p.

Issued also in French.

Facts about peat, by B.F. Haanel. 1924. 48p.

Prepared with the cooperation of the Dominion Fuel Board.

Feldspar, by Hugh S. Spence. 1932. 145p.

Feldspar in Canada, by H.S. de Schmid. 1916. 125p.

Issued also in French.

Final report of the peat committee, appointed jointly by the governments of the Dominion of Canada and the Province of Ontario; peat, its manufacture and uses. 1926. 298p.

Gold in Canada, by A.H.A. Robinson. 1932. 92p.

Gold mines of Canada. 1932. 5p.

Graphite, by H.S. Spence. 1920. 202p.

Issued also in French.

Graphite: its properties, occurrence, refining and uses, by Fritz Cirkel. 1907. 307p.

Issued also in French.

Gypsum in Canada: its occurrence, exploitation and technology, by L.H. Cole. 1913. 256p.

Issued also in French.

The gypsum industry of Canada, by L.H. Cole. 1930. 164p.

Helium in Canada, by R.T. Elworthy. 1926. 64p.

Helium in Canada from 1926-31, by P.V. Rosewarne. 1931. ?1

Industrial fuel and power statistics for Ontario, 1925, by E.S. Malloch and C.E. Baltzer; compiled and published with the approval and co-operation of the Dominion Fuel Board and the Dominion Bureau of Statistics. 1928. 23p.

An investigation of the coals of Canada with reference to their economic qualities; as conducted at McGill University, Montreal, under the authority of the Dominion Government, by J.B. Porter, R.J. Durley and others. 1912-1915. 7v.

Issued in French also.
V.I. Coal washing and coking tests. 1912.
V.II. Boiler and gas producer tests. 1912.
V.III. Coal washing tests and diagrams. 1912.
V.IV. Boiler tests and diagrams. 1912.
V.V. Producer tests and diagrams. 1912.
V.VI. Coking tests; Chemical tests. 1912.
Supplement. Weathering of coal, by J.B. Porter. 1915.

Iron ore deposits of Vancouver and Texada Islands British Columbia, by Einar Lindeman. 1909. 29p.

Iron ore occurrences in Canada; compiled by E. Lindeman and L.L. Bolton. Introductory by A.H.A. Robinson. 1917. 2v.

Maps to accompany, in two portfolios. V.I. Descriptions of principal mines. V.II. Descriptions of occurrences.

Lode mining in Yukon: an investigation of guartz deposits in the Klondike division, by T.A. MacLean. 1914. 205p.

Issued also in French.

The magnetic iron sands of Natashkwan, County of Saguenay, Province of Quebec, by Geo. C. Mackenzie. 1912. 49p.

Issued also in French.

Magnetite occurrences along the Central Ontario Railway, by E. Lindeman. 1913. 23p.

Maps to accompany. Issued also in French.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

magnetite occurrences near Calabogie, kenfrew County, Ontario, by E. Lindeman. 1914. 16p.

Issued also in French.

Mica, by H.S. Spence. 1929. 142p.

Two maps and table in pocket.

Mica: its occurrence, exploitation and uses, by Hugh S. de Schmid. 2nd ed. 1912. 411p.

Issued also in French. First edition issued by the Dept. of the Interior, 1905.

The mineral industries of Canada; compiled by A.H.A.
Robinson. British Empire Exhibition edition. 1924. 138p.

Issued also in French.

The mineral resources and mining industry of Canada; a brief review. 1920. 9p.

Prepared for the sixth National Exposition of Chemical Industries, New York City, Sept. 1920.

The mining laws of Canada; a digest of dominion and provincial laws affecting mining. 1924. 43p.

British Empire Exhibition edition.

The mining laws of Canada - a digest of dominion and provincial laws affecting mining; (rev.ed.). 1931. 9dp.

Molybdenum: metallurgy and uses; and the occurrence, mining and concentration of its ores, by V.L. Eardley-Wilmot. 1925. 292p.

Moose Mountain iron-bearing district, Ont., by Einar Lindeman. 1914. 14p.

Maps to accompany.
Issued also in French.

The nickel industry: with special reference to the Sudbury region, Ontario, by A.P. Coleman. 1913. 198p.

Issued also in French.

Peat and lignite: their manufacture and uses in Europe. by E. Nystrom. 1908. 247p.

Issued also in French.

Peat. lignite and coal: their value as fuels for the production of gas and power in the by-product recovery producer, by B.F. Haanel. 1914. 261p.

Issued also in French.

Petroleum and natural gas resources of Canada, by F.G. Clapp, and others. 1914. 2v.

Issued also in French.

V.I. Technology and exploitation.

V.II. Occurrence of petroleum and natural gas in Canada. V.11 also published in two parts as separates: Pt.1. Eastern Canada. Pt.2. Western Canada.

Phosphate in Canada, by H.S. Spence. 1920. 156p.

Mans to accompany, in pocket. Issued also in French.

Possible industrial applications for bentonite, by Hugh S. Spence and Margaret Light. 1931. ?-

Preliminary report on the bituminous sands of northern Alberta, by S.C. Ells. 1914. 92p.

Issued also in French.

Preliminary report on the limestones of Quebec and Ontario, by M.F. Goudge. 1927. 75p.

Issued also in French.

The preparation, transportation and combustion of powdered coal, by John Blizard. 1921. 131p.

Proceedings of conference on explosives, 4th ed. 1911. ?1

The production of asbestos in Canada during the calendar years 1907-8, by John McLeish. 1909. 8p.

Advance chapter of the Annual report on the mineral production of Canada during the calendar years 1907 and 1908.

^{1.} Items marked by ? are unknown because the publications is not available for examination.

The production of chromite in Canada during the calendar years 1907-8, by John McLeish. 1909. 6p.

Advance chapter of the Annual report on the mineral production of Canada during the calendar years 1907 and 1908.

Production of natural gas and petroleum in Canada during the calendar years 1907 and 1908. 1909. 16p.

Advance chapter of the Annual report on the mineral production of Canada during the calendar years 1907 and 1908.

Products and by-products of coal, by Edgar Stansfield and F.E. Carter. 1915. 51p.

Issued also in French.

Pyrites in Canada: its occurrence, exploitation, dressing and uses, by A.W.G. Wilson. 1912. 202p.

Issued also in French.

Report of analyses of ores, non-metallic minerals, fuels, etc. made in the chemical laboratories during the years 1906, 1907, 1908; arranged by F.G. Wait. 1909. 126p.

With appendix on the commercial methods and apparatus for the analysis of oil-shales, by H.A. Leverin.

Report on chrysotile-asbestos: its occurrence, exploitation, milling and uses, by rritz Cirkel, 2nd edition enlarged. 1910. ?1

Issued also in French.

Report on gas producer trials with Alberta coals, by John Blizard and E.S. Malloch. 1921. ?1

Report on investigations of the explosive industry in the Dominion of Canada, by Arthur Desborough, 4th ed. 1910. ?1

Report on the structural materials along the St. Lawrence River, between Prescott, Ont., and Lachine, Que., by Joseph Keele and L. Heber Cole. 1922. 119p.

Issued also in French.

Report on the bituminous, or oil-shales of New Brunswick and Nova Scotia; also on the oil-shale industry of Scotland, by R.W. Ells. 1910. ?1

Issued also in French.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Report on the building and ornamental stones of Canada, by W.A. Parks. 1912-1918. 5v.

V.1-3, issued also in French.

V.I. Ontario.

Maritime Provinces. V.II.

V.III. Quebec. V.IV. Western Provinces. V.V. British Columbia.

V.V.

Report on the chrome iron ore deposits in the Eastern Townships, Province of Quebec, by Fritz Cirkel. 1909. 141p.

Issued also in French. Supplementary section: Experiments with chromite at McGill University, by J.B. Porter.

Report on the clay resources of southern Saskatchewan, by N.B. Davis. 1918. 93p.

Report on the coal-fields and coal industry of eastern Canada, by F.W. Gray. 1917. 67p.

Report on the examination of some iron ore deposits in the districts of Thunder Bay and Rainy River, Province of Ontario, by F. Hille. 1908. 65p.

Report on the gypsum deposits of the Maritime Provinces [including the Magdalen Islands], by W.F. Jennison. 1911. 171p.

Issued also in French.

Report on the investigation of an electric shaft furnace, Domnarfvet, Sweden, etc., by Eugene Haanel. 1909. 38p.

Report on the investigation of an electric shaft furnace. Domnarfvet, Sweden, etc., by Eugene Haanel, 2nd ed. 1909. 40p.

Report on the iron ore deposits along the Ottawa (Quebec side) and Gatineau kivers, by Fritz Cirkel. 1909. 147p.

Report on the iron ore deposits of Nova Scotia (Part 1), 1909. ?1 by J.E. Woodman.

Report on the mining and metallurgical industries of Canada. 1907-8. 972p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Report on the molybdenum ores of Canada, by T.L. Walker. 1911. 64p.

Issued also in French.

Report on the non-metallic minerals used in the Canadian manufacturing industries, by Howells Fréchette. 1914. 199p.

Issued also in French.

Report on the present and prospective output of the mines of the silver-cobalt ores of the Cobalt district, by Eugene Haanel. 1907. 13p.

Report on the production of spelter in Canada, by A.W.G. Wilson. 1916. 60p.

Report on the salt deposits of Canada and the salt industry, by L.H. Cole. 1915. 152p.

Issued also in French.

Report on the thin coals of eastern Canada, by J.F.K. Brown. 1917. 135p.

keport on the tungsten ores of Canada, by T.L. Walker. 1909.

Issued also in French.

Report on the utilization of peat fuel for the production of power, being a record of experiments conducted at the Fuel Testing Station, Ottawa, 1910-11, by B.F. Haanel. 1912. 145p.

Issued also in French.

Reprint of presidential address delivered before the American Peat Society at Ottawa, July 25, 1910, by Eugene Haanel. [1910] ?1

Researches on cobalt and cobalt alloys, conducted at Queens University, Kingston, Ontario, for the Mines Branch of the Dept. of Mines. 1913-16. 5v.

Issued also in French.

Pt.1. Preparations of metallic cobalt by reduction of the oxide, by H.T. Kalmus and others. 1913.

Pt.2. The physical properties of the metal cobalt, by H.T. Kalmus and C. Harper, 1914.

Pt.3. Electro-plating with cobalt, by H.T. Kalmus. 1915.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Pt.4. Cobalt alloys with non-corrosive properties, by H.T. Kalmus and K.B. Blake. 1916. Pt.5. Magnetic properties of cobalt and of Fe2Co, by H.T. Kalmus and K.B.Blake. 1916.

Results of the investigation of six lignite samples obtained from the Province of Alberta, by B.F. Haanel and John Blizard. 1915. 110p.

The salt industry of Canada, by L.H. Cole. 1930. 116p.

Sections of the Sydney coal fields, Cape Breton, Nova Scotia, 1913. 6p. by J.G.S. Hudson.

Special edition, International Geological Congress, 12th session, 1913. [1913] ?

Silica in Canada: its occurrence, exploitation and uses, by L. Heber Cole. 1923-28. 2v.

Seven maps folded in pocket of Part 1.

Pt.1. Eastern Canada. Pt.2. Western Canada.

Sodium sulphate of mestern Canada: its occurrence, uses and technology, by L.H. Cole. 1926. 160p.

Maps to accompany in pocket.

Summary report of the petroleum and natural gas resources of Ganada, by F.G. Clapp. 1912. ?1

Talc and soapstone in Canada, by H.S. Spence. 1922. 85p.

Titanium, by A.H.A. Robinson. 1922. 127p.

Use of Alberta bituminous sands for surfacing of highways, by S.C. Ells. 1927. 37p.

National Museum

Note: Early publications issued by the Geological Survey.

Serials

Annual report. 1913- v.

In Museum bulletin, 1913- Preceded by brief report in the Report of progress ... 1876-1889, and in Annual reports, new series, 1890-1904 of the Geological Survey.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Museum bulletin. 1913- no.1-

No.1 as Victoria Memorial Museum. Bulletin.
Bulletins are numbered consecutively, but are divided into three sub-series: Geological series, Biological series and Anthropological series, each with its own numbering.

Special Publications

Catalogue of section one of the Museum of the Geological Survey, embracing the systematic collection of minerals and the collections of economic minerals and rocks, and specimens illustrative of structural geology, by G.C. Hoffman. 1893.

Descriptive catalogue of minerals and rocks in the school collections distributed in 1907, by R.A.A. Johnston and G.A. Young. 1907. 27p.

Museum of the Geological Survey of Canada. Archaeology. The archaeological collection from the southern interior of British Columbia, by H.I. Smith. 1913. 40p.

Issued also in French, 1916.

Museum of the Geological Survey. General guide to the collection of invertebrate fossils, by E.M. Kindle. 1914. 3p.

A folded sheet for use in the Museum only. Issued also in French, 1915.

On the collection of zoological specimens for Victoria Memorial Museum. Zoology, by P.A. Taverner. 1912. 56p.

Includes chapter on land and fresh-water shells, by B. Walker.
Issued also in French, 1915.

Catalogues and Indexes

Geological Survey

... Annotated catalogue of and guide to the publications of the Geological Survey, Canada, 1845-1917, by W.F. Ferrier, assisted by Dorothy J. Ferrier. 1920. 544p.

Catalogue des publications en français de la Commission géologique et de la Division des Mines au premier juillet. 1914. 14p.

Catalogue des publications en français de la Division des Mines et de la Commission géologique. Edition revisée au premier janvier, 1917. 1917. 16p.

Catalogue of publications. 1908. 3p.

Addenda A. Reports. Addenda A. Maps.

Same, rev. to 1909. 3p.

Catalogue of publications of the Geological Survey of Canada. 1906. 129p.

Same, revised to 1909. 181p.
Supplementary list ... 1912. 6p.

General index to reports, 1885-1906, by F. J. Nicolas. 1908.

Includes only Annual reports, new series.

General index to the Reports of progress, 1863 to 1884, by D. B. Dowling. 1900. 475p.

... Index to Memoirs, 1910-1926; Bulletins, 1913-1926; Summary reports, 1917-1926; Sessional papers (administrative), 1921-1926, compiled by Frank Nicolas. 1932. 666p.

... Index to paleontology (geological publications...), compiled by Frank Nicolas. 1925- v. (Miscellaneous series, no.1)

... Index to separate reports, 1905-1916, compiled by F. J. Nicolas... 1923. 305p.

Inst of publications of the Geological Survey of Canada.
1873-1905. v.

Issued irregularly.
Additional publications... 1886. 4p.
Supplementary list... 1893. 6p.
Supplementary list... 1897. 3p.
Supplementary list... 1903. 1lp.
Supplementary list... 1905. 7p.

- ... Publications of the Geological Survey and National Museum of Canada. 1928. 15p.
- ... Published maps (1917-1930 inclusive), compiled by P.J. Moran ... 1931. 16p.

Mines Branch

Catalogue of Mines Branch publications ... 13th ea. 1925. 43p.

Same, 14th ed. 1927. 47p.

- Catalogue of publications of Mines Branch, from 1902 to 1911; containing tables of contents and lists of maps, etc.
- Catalogue of publications of the Mines Branch (1907-1911) containing tables of contents of the various technical reports, monographs, bulletins, etc., together with a list of magnetometric survey maps, working plans, etc., including also a digest of technical memoirs and the annual summary reports of the Superintendent of Mines, 1902-1906. 1912. 134p.
- Reports of maps of economic interest published by the mines Branch. [1912] 8p.

Bibliography

- Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.
- Canada. Mines, Dept. of. Canada Department of Mines; its organization; the service it performs. Ottawa, King's Printer, 1933. lop.
- Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906-[v.1-]

Canadian almanac ... 1934. v.p., v.p., 1856?- [v.1-]

Sessional papers, 1860- v.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Dominion Fuel Board

The Dominion Fuel Board was created by order-in-council in November 1922, at the suggestion of the Minister of Mines, and was designed to make a comprehensive study of the cause of the recurring fuel shortages in Canada and of methods of counteracting them. The work has expanded to cover practically the entire fuel question, and includes such subjects as: the substitution of domestic for foreign coal, central and district heating, coking plants in selected districts, the heating efficiency of various fuels, the finding of foreign markets for Canadian coal and information on supplementary fuels imported from other countries.

The Board is at present composed of six members from the Department of Mines and two from the Department of the Interior. It is assisted in its investigations by the technical staff of each of these departments. Thus the Board has the advantage of the facilities of the various federal services engaged in geological, engineering and economic studies relating to the fuel problem, and coordinates the results of previous investigations, that have a bearing on the subject, with its own findings.

Publications of the Dominion Fuel Board

Canada. Dominion Fuel Board

Serials

Progress report ... ,1923- 1932- [v.1-]

1st report published as Interim report, 1923, 2nd.ed. 1928. Issued also in French.

Special Publications

- ... Central and district heating: possibilities of application in Canada, by F. A. Combe... 1924. 79p.
- ... Coke as a household fuel in central Canada, by J. L. Landt ... 1925. 140p.
 - Published in cooperation with the Dent. of Mines. Mines Eranca.
- Coking experiments on coals from the Maritime Provinces, by B. F. Haanel and R. E. Gilmore. 1926. 20p.
- Published in cooperation with the Dept. of Mines. Mines Branch, and issued as part of its investigations of fuels and fuel-testing. 1924.
- Comparative tests of various fuels to determine their relative heating efficiency, by E. S. Malloch and C. E. Baltzer. 1927. Sp.
 - Published in cooperation with the Dept. of Mines. Mines Branch.
- Comparative tests of various fuels when burned in a domestic hotwater boiler, by E. S. Malloch and C. E. Baltzer. 1929. 92p.
- Comparison of cost and convenience of house heating with various fuels, by E. S. Malloch. 1929. Sp.
 - Prepared in cooperation with the Dept. of Mines. Mines Branch.
- Fuels distributed for domestic heating in Quebec, Ontario and Manitoba. 1930. Sp.
- Same. 1931. Sp.
- Fuels distributed for domestic heating in the Maritimes, Ontario, Quebec and Manitoba. 1928. Sp.
- Same. 1929. 12p.
- Fuels sold for domestic purposes in Ontario and Quebec. 1926. lp.
- Fuels sold for domestic purposes in Ontario, Quebec and Manitoba. 1927. 4p.
- Graph showing operating costs and revenues of Canadian coal mining districts, 1931. 1932. lp.
- How to burn coke. [n.d.]card.
 - Issued also in French.

Humidity in house heating, by E.S. Martindale. 1929. 38p.

Industrial fuel and power statistics for Ontario, calendar year, 1925, by E.S. Malloch and C.E. Baltzer. 1928. 23p.

Published in cooperation with the Dept. of Mines. Mines Branch.

Instructions for burning coal, coke and peat. 1927. 10p.

Published in cooperation with the Dept. of Mines. Mines Branch. Tasued also in French.

Insulation of new and old houses, by G.D. Mallory, 1932. 1933. 73p.

French edition in preparation.

Smoky River coal field. Examination and comparison with the Kananaskis area, by James McEvoy. 1925. 19p.

Published in cooperation with the Dept. of Mines. Geological Surve

Tests of various fuels made in a domestic hot-water boiler at the Fuel Testing Station, by E.S. Malloch and C.E. Baltzer. 1927. 30p.

Issued in cooperation with the Dept. of Mines. Mines Branch in its Investigations of fuels and fuel testing, 1925.

Why you should insulate your home, by G.D. Mallory. 1927. 15p.

Catalogues and Indexes

No catalogues or indexes of the publications or the Dominion Fuel Board have been issued, but mimeographed lists of publications are sent out from time to time.

Bibliography

Canada. Mines, Dept. of. The Department of Mines; its organization; the service it performs. Ottawa, King's Printer, 1933. 16p.

Canada year book, 2nd series, 1923- Ottawa, King's Frinter, 1906- [v.1-]

Canadian almanac ... 1933. v.p., v.p., 1856?- [v.1-]

List of the serial publications of foreign governments, 1815-1931.
Edited by Winifred Gregory. N.Y., H.W. Wilson Co., 1932. 720p.

CHAPTER XII

DEPARTMENT OF PUBLIC WORKS, THE NATIONAL GALLERY OF CANADA. DEPARTMENT OF RAILWAYS AND CANADA, BOARD OF RAILWAY COMMISSIONERS, POST OFFICE DEPARTMENT.

DEPARTMENT OF LABOUR.

Department of Public Torks

listory and Functions

Public works, very naturally, became a concern of the Government early in the history of Canada. Roads and bridges demanded immediate attention, then harbours must be improved, canals constructed and finally railways must be built. Prior to 1840, when the national life of Canada really begins, commissioners were usually appointed for each of such undertakings, and continued to officiate until the work was completed. In Lower Canada, however, a Board of Works was constituted in 1835 and continued to operate under the government of the United Province until 1859, when the supervision of such work was assigned to a Commissioner of Public Works. At Confederation the Department of Public Works was constituted, and made responsible for all public works not under the supervision of the provinces, such as canals, harbours, construction of lighthouses, military and inter-provincial highways, railways, etc. In 1879 railways and canals were assigned to a department organized for the purpose, lighthouses went to the Department of Marine and Fisheries, penitentiaries to the Department of Justice, the smaller drill halls and armouries to the Department of Militia and Defense2 and in 1903 the improvements in the main channel of the St. Lawrence from Montreal to the sea were

^{1. 31} vict., Cap.12. 2. This department became the Department of Mational Defense in 1922.

assigned to the Department of Marine. In 1913 the National Gallery was also placed under the Minister of Public Works.

Organization

The work of the Department is now divided among three branches: the Engineering Branch, the Architect's Branch and the Telegraph Branch which function as follows:

The Engineering Branch supervises all construction and repair on government works such as wharves, dams, harbours, etc. and the construction and maintenance of inter-provincial bridges and ferries, military highways and bridges and highways of national importance in the North-West Territories. The testing of materials and the surveys necessary for the preparation of plans, reports and estimates are also conducted urder this branch. The items enumerated include many related duties.

The Architect's Branch constructs and maintains all public buildings under the Dominion Government, such as post-offices, custom houses, armouries, telegraph offices, experimental farm buildings, etc.

The Telegraph Branch has control over the construction, repair and maintenance of all government-owned telegraph lines and cables.

The officials of the Department are as follows:

Deputy Minister Assistant Deputy Minister Secretary Chief Engineer Assistant Chief Engineer Solicitor Chief Architect

Minister of Public Works General Superintendent of Government Telegraphs Assistant Secretary Chief Accountant Purchasing Agent

blications of the Dept. of Public works

Note: Unless otherwise stated all publications are issued from Ottawa by the Queen's or King's Printer.

Canada. Public Works, Dept. of

Serials

Report. 1841- [v.1-]

1841-1860 in Appendices to the Journals of the Legislative assembly, 1860-1924 in Sessional papers, 1925- in Annual departmental reports. Usually issued separately also.

1913- a brief report of the National Gallery of Canada is included. Issued also in French.

Special Publications

- Canadian Pacific Railway; report of progress on the explorations and surveys to Jan., 1874. 1874. 286p.
- Canadian Pacific Railway; reports and documents in reference to the location of the line and a western terminal harbour, 1878. 1878. 104p.
- General report of the Minister of Public Works from 30th June, 1867, to 1st July, 1882. 1883. 1413p.
- Georgian Bay ship canal. Report upon survey, with plans and estimates of cost, 1908. 1909. 2v.
- Includes a volume of 24 plates entitled, Typical views on the projected route.
- ... Georgian Bay ship canal survey. Report on the precise levelling, years 1904-1907... 1908. 157p.
- Interim report, Georgian Bay ship canal. Brief description and detailed estimates of cost for proposed waterway. 1908. 69p.
- Maps, reports, estimates, &c., relative to improvements of the navigation of the River St. Lawrence and a proposed canal connecting the River St. Lawrence and Lake Champlain ... Toronto, J. Lovell, 1856. 40p.

Issued also in French.

... Nelson River, report upon reconnaissance survey, Sentember-October, 1909. [1911, 44p.

- ... Ottawa River storage. Progress report... 1909. (Supplementary investigations in regard to beorgian Bay ship canal project)... 1911. ?1
- Report and documents in reference to the Canadian Pacific Railway, by Sanford Fleming, 1879. 1879. 142p.
- Report of the Chief Engineer of Public Works on the navigation of to River St. Lawrence between Lake Ontario and Montreal. 1875. 110
- Report of the Chief Engineer of Public Works on the progress of canal enlargement between Lake Erie and Montreal. 1877. 91p.
- Report of the Chief Engineer on the construction of a canal (Baie Verte) between the Gulf of St. Lawrence and the Bay of Fundy. 1874. 89p.
- Report of the Montreal Flood Commission, with interim reports, table: etc. [1890] 86p.
- Report of the Royal Commission on Transportation. 1903, 67p.
 - Issued as supplement to the report of the Minister of Public Works
- Report on surveys and preliminary operations on the Canadian Pacific Railway up to Jan., 1877, by Sanford Fleming. 1877. 431p.

Bibliography

- Canada and its provinces... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v..
- Canada. Public Works, Dept. of. Reports. Ottawa, Queen's or King'
 Printer, 1841- [v.1-]
- Canada year book, 2nd series, 1922-23. Ottawa, King's Printer, 190 [v.l-]
- Revised Statutes, 1927. Ottawa, King's Printer, 1927. 5v.
- Statutes of Canada, 1867. Ottawa, Queen's Printer, 1867. v.p.
- Statutes of Canada, 1913. Ottawa, King's Printer, 1913. v.p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

The National Gallery of Canada

History

The National Gallery was founded in 1880 by the Marquis of Lorne, then Governor-General of Canada, and Her Royal Highness the Princess Louise. His Excellency selected the first group of paintings, which has since been augmented by purchase, by gifts and loans and by becoming the repository of the diploma works of the Royal Canadian Academy of Arts. In 1907 the Dominion Government appointed an Advisory Arts Council to administer the annual grants of Parliament for this purpose, and in 1913 the collection was incorporated as the National Gallery of Canada, and placed under the management of a Board of Trustees appointed by the Governor in Council.

Functions

The functions of the National Gallery, as defined by statute¹, are the encouragement and cultivation of correct artistic taste and Canadian public interest in the fine arts.

This is accomplished by the collection and exhibition of works of art and by the reproduction of the paintings in the Gallery, for distribution at small cost. The collection at present (1933) includes 4101 works of art, 1026 of which are Canadian, and 88 of which are diploma works of the Royal Canadian Academy of Arts. The Italian, Dutch, Flemish and Spanish schools are represented, the Italian collection being especially worthy of note. There is also a good collection of modern British paintings and the most complete collection of Canadian art in existence. The Department of Prints and Drawings

^{1. 4-5} Geo. V, Chap. 33.

includes some fine examples of the German, Dutch, Italian, French and English schools, being especially rich in the work of the 19th century French artists and in examples of the Turner school of engravers.

Organization

The National Gallery is administered by a Board of Trustees, responsible to the Government through the Minister of Public Works. The staff consists of a Director, an Assistant Director, an office staff of five and a mechanical department of six.

Publications of the National Gallery of Canada

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

National Gallery of Canada

Serials

... Annual exhibition of Canadian art. 1927- [v.1-]

Amnual report of the Board of Trustees ... 1913-[v.1-]

Issued as part of the report of the Dept. of Public Works, and since 1921 issued separately also.

Catalogue of the National Gallery of Canada. 1882- [v. 1-]

Published at irregular intervals as follows: 1882,1887, 1909, 1913, 1915, 1921, 1924, 1928, 1929, 1931.

A supplement to the catalogue was published in 1913. Title varies.

Special Publications

- ... British paintings, Exhibition of. 1928. 12p.
- ... Canadian art. Imperial Economic Conference. Exhibition. 1 32. 6p.
- ... Canadian art, Special exhibition of. 1926. 24p.
- Canadian Section of Fine Arts, British Empire Exhibition, London, 1925, Catalogue of. 1925. 23p.
- Canadian Section of Fine Arts, British Empire Exhibition, Portfolio of pictures from, 1924. 1924. 32p.
- ... Canadian war memorials, Exhibition of, 1924. 1924. 26p.
- ... Canadian west coast art, native and modern, Exhibition of. 1927. 16p.
- ... Contemporary American painting, Exhibition of, 1,27. 1927. 3p.
- ... Contemporary British painting, Exhibition of, 1925. 1925. 17p.
- ... Contemporary British painting, Exhibition of, 1932. 1932. 13p.
- ... Contemporary British prints, Exhibition of, 1933. 1933. 17p.
- ... Contemporary British water colours, Exhibition of, March-April, 1931. 1931. 15p.
- ... Contempolary Polish plints, Exhibition of, 1930. 1930. 7p.
- ... French prints, Exhibition of, January, 1931. 1931. 19p.
- ... Modern Austrian woodcuts and colour prints, Exhibition of, 1929. 1929. 7p.
- ... Modern British etchings, Exhibition of, 1929. 1929. 16p.
- ... Modern woodcuts and wood engravings, Exhibition of, 1928. 1928. 12p.
- ... Paintings and prints, Special exhibition of, 1932. 1932. 6p.
- ••• Paintings by old masters recently acquired, Exhibition of, 1929. 1929. 7p.
- ... Paintings by old masters recently acquired, Exhibition of, 1930. 1930. 7p.

- ... Paintings by old masters recently acquired, Special exhibition of, 1931. 1931. Sp.
- ... Paintings by old masters recently acquired by loan or purchase, Special exhibition of, 1928. 1928. Sp.
- Press comments on the Canadian Section of Fine Arts, British Empire Exhibition, 1924. 31p.
- Press comments on the Canadian Section of Fine Arts, British Empire Exhibition, 1924-1925. 1926. 79p.
- Royal Canadian Academy of Arts, Diploma Gallery ... 1928. 29n.
- ... water colours, by Archibald Knox, Exhibition of. 1926. 3p.

Catalogues and Indexes

There are no general catalogues or indexes to the publications of the National Gallery of Canada.

Bibliography

Canada yearbook, 2nd series, 1922-1923. Ottawa, King's Printer, 1906- [v.l-]

Canadian almanac ... 1933. v.p., v.p., 1856?- [v.l-]

Department of Railways and Canals

History and Functions

In the beginning of the government supervision of railways, the duties involved were assigned to officials of the Department of Public Works, but with the completion of the Intercolonial Railway and the prospect of building a trans-continental line (the Canadian Pacific), the work became so heavy that it was found necessary to establish a separate department to deal with transportation problems. Since many related problems were involved in the development of the inland water-ways of Canada, the construction, operation and supervision of canals was also assigned to this department.

The Department of Railways and Canals was constituted in 1 1879, and was charged with the construction, maintenance and oversight of operations on all government railways and canals and with all duties pertaining thereto, but was permitted to make no expenditures without the authorization of Parliament. These activities included location, construction and repair of railways and the payment of all government subsidies for this purpose.

Highways Branch

In 1919 a Highways Branch was established within the Department to superintend the construction of highways in the provinces, which were to be built under federal grants. Such subsidies were first granted for five years, but the time was extended so that the Highways Branch was in existence from 1919-1928. The work consisted of collecting statistics on motor vehicle registration

^{1. 42} Vict. Chap. 7.

and the tourist trade, and in reporting annually on the development of highways in Canada. With the completion of these subsidies in 1928, the Highways Branch was discontinued, and the statistical work was taken over by the Dominion Bureau of Statistics.

Statistical Branch

From 1879 to 1918 this division collected statistics on all phases of traffic on railways and canals in Canada, including number and tonnage of vessels, number and nationality of passengers on steam and electric railways, earnings and expenses. Statistics of telephones, telegraph and express were included for a time. In 1919, by order-in-council, this work was transferr to the Dominion Bur-au of Statistics.

Organization

The work of the Department is at present under the supervision of the following officials:

Minister
Deputy Minister
Assistant Deputy Minister
Chief Engineer
Assistant Chief Engineer
Comptroller
Assistant Comptroller
Counsel
Senior Electrical Engineer

Senior Hydraulic Engineer
Right of Wey and Lease Agent
Accountant
Engineer in charge of Hudson
Railway terminals and St.
Lawrence Ship Canals
Designing Engineer
District Hydraulic Engineer
Secretarial and Clerical Staf

Publications of the Dept. of Railways and Canals

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

Canada. Railways and Canals, Dept. of

Serials

Annual report ... 1880- [v.1-]

Refore 1879 with Dept. of Public Works. Report. Title varies.

Issued also in Sestional papers 1880-1924 and in Annual departmental reports 1925-1890-1892 have supplement: Canal statistics.

Issued also in French.

... Canal statistics for season of navigation. 1873-1916. v.

1873-1868 published as supplement to the Report, returns and statistics of the inland revenues of the Dominion of Jan da; Bureau of Statistics.

Issued also in French.

Details of expenditure and revenue. 1898-1899. v.

... Express statistics of the Dominion of Canada ... 1912-1016. v.

Since 1918, published by the Dominion Bureau of Statistics. Published also in French.

Railway statistics. 1879-1920. v.

Since 1920 published by the Dominion Bureau of Statistics. Issued also in French.

... Telegraph statistics of the Dominion of Canada ... 1913-1916. v.

Published in <u>Sessional papers</u>, 1913-1917, continued as a mimeographed report by the Dominion Bureau of Statistics 1918-Issued also in French.

... Telephone statistics of the Dominion of Canada... 1912-1916. V.

Published in <u>Sessional papers</u>, 1912-1916, continued as a mimeographed report of the Dominion Bureau of Statistics, 1918-Issued also in French.

Special Publications

Canada. Royal Commission to inquire into railways and transportation in Canada. Report. 1917. 106+86p.

The report of Sir H.L. Drayton and W.M. Acworth. Issued also as Sessional papers 20g, 1917.

Canadian Government Railways report to the Honourable Frank Cochrane ... on Halifax Harbour and the development of a project of modern ocean terminals. 1913. 96p.

Canals and navigation routes. 1910. ?1

Canals of Canada ... 1931. 30p.

... Documents relative to the government guarantee bonds of the Canadian Northern Railways ... 1914. 46p.

General specifications for steel superstructure of bridges and viaducts, all previous specifications annulled. 1908. 72p.

Grand Trunk Arbitration... the award and reasons for award. 1921. 62p.

The opening of the Welland Canal; a Canadian conception, a Canadian achievement, Aug. 6th, 1932. 1932. 43p.

The Quebec Bridge over the St. Lawrence River, on the line of the Canadian National Railways. [1919]. 259p.

Reference and guide book to the Trent Canal. 1911. 50p.

Report and documents in reference to the Canadian Pacific hailway. Sanford Fleming, engineer in chief, 1880. 1880. 30+373p.

Report of the Chief Engineer of Janals. 1880. 111+592p.

With appendix containing reports and specifications on the Welland, Cornwall and Lachine Canals, etc.

Report of the construction of the National Transcontinental Railway. Investigating commission; [submitted by George Lynch-Staunto and F.P. Gutelius] 1914. 659p.

Same, rev. ed. 1914. 2v.

Volume 2, Exhibits.

Report of the Hudson Bay Railway surveys ... 1900. 22p.

Report of the Joint Board of Engineers on the St. Lawrence Waterway Project. 1927. 459p.

Plates to accompany appendices U, D and L. in separate portfolio.

Report on choice of Hudson Bay Railway terminal, by Sir Frederick Palmer. 1927. 42p.

^{1.} Items marked ? are unknown as the publications is not available for examination.

Report on the railway facilities and terminals at Montreal. 1929. 27p.

Returns relating to the Canadian Pacific Railway 48b to 48p ... 1882. 71p.

... Rules and regulations for the guidance and observance of those using and operating the canals of the Dominion of Canada ...
1908. 28p.

Same. 1932. 42p.

Saint Lawrence River route and canals, 1918. 1919. 20p.

Trent Canal system. 1923. ?1

Welland Ship Canal (under construction); also brief historic reference to past and present Wellands. 1920. 23p.

Canada. Railways and Canals, Dept. of. Highways Branch

Serials

Annual report of the Commissioner of Highways. 1922-1929. v.

1920-1923 were included in the Dept. of Railways and Canals.
Annual report; 1924-1928 were printed as Highways Branch. Report.

Bulletins. 1922-1929. no.1-11.

Circulars. 1920-1928. no.1-9.

atalogues and Indexes

There are no general catalogues or indexes to the publications of the Dept. of Railways and Canals.

Bibliography

Canada and its provinces... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.

Canada. Railways and Canals, Dept. of Annual reports. Queen's or King's Printer, 1880- [v.1-]

Canada year book, new series, 1913- Ottawa, King's Printer, 1906-[v.l-]

Canadian almanac... 1933. v.p., v.p. 1856?- [v.1-]

List of the serials publications of foreign governments, 1815-1931.

Edited by Winifred Gregory ... N.Y., H.W. Wilson Co., 1932. 720p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Board of Railway Commissioners for Canada

Though the construction and maintenance of railways was, in the beginning, left to the officials in charge of public works, the regulation of rates was left to the directors of railways, with the approval of the Governor in Council. Disputes over rates arising under this plan, led to the assignment, in 1880, of this and related duties to the Railway Committee of the Privy Council. This arrangement was much more successful than the former one, but the fact that all activities of the Committee centred in Ottawa. hampered its work in districts distant from the capital, and it was also felt that more specialized knowledge of the work than that usually found among members of the Privy Council, was necessary in handling the various problems that arose. The problem and recommendations for its solution were set forth in an able report by Professor S.J. McLean, prepared under the auspices of the Department of Railways and Canals. As a result the Railway act was amended in 19031, to provide for a Board of Railway Commissioners having all the powers of a court of law, and serving, when necessary, in any district where a problem arises. The salaries of the Board's staff are paid through the Department of Railways and Canals, and any approach to the Governor in Council is made through the Minister of Railways and Canals.

^{1. 3} Edw. VII, Chap. 58.

Functions

Perhaps the chief concern of the Board has been the regulation of rates, but in addition it institutes inquiries, and hears complaints on practically all phases of the operation of railways. Its regulations and rulings have done much to prevent accidents and fire loss. On questions of fact it decisions are final, but on questions of law, appeal may be made to the Supreme Court, with the consent of the Board, and in questions of jurisdiction, appeal may be made without the consent of the Board, but appeal has not been frequent. Since the inception of the Board it has issued over 50,000 orders.

Organization

The membership of the Board, as first established, consisted of a Chief, a Deputy Chief and one other Commissioner, but in 1908 the number was increased to six. The chief commissioner must be a judge of a superior court or a barrister or advocate of at least ten years standing. All are appointed by the Governor in Council for a period of ten years, unless removed for cause, and are highly paid officials. Two constitute a quorum and their procedure is informal. Since 1908 the Board works in sections, so that several sittings may take place in different localities at the same time.

At present the Board is organized as follows:

Chief Commissioner Assistant Chief Commissioner Deputy Chief Commissioner Three Other Commissioners Chief Operating Officer Chief Traffic Officer Counsel
Chief Engineer
Assistant Chief Engineer
Four Division Engineers
Secretary
Assistant Secretary

Publications of the Board of Railway Commissioners

Note: Unless otherwise stated all publications are is used from Ottawa and by the King's Printer.

Canada. Railway Commissioners, Board of

Serials

Judgments, orders, regulations and rulings. 1911- [v.1-]

Issued fortnightly on the 1st and 15th of each month. An index is issued annually.

Issued also in French.

Report... 1907- [v.1-]

First report covers the period 1904-1906.
Issued also in Sessional papers 1900-07 - 1924 and in Annual departmental reports 1925Issued also in French.

Special Publications

Fire guard requirements. 1916. 3p.

Same. 1932. 3p.

General orders and circulars issued by the Board from its inception to July, 1930. 1931. 158p.

... In the matter of tariffs of express companies carrying on business in the Dominion of Canada. Judgment. 1911. 121p.

The Railway Commission and the nature of its work, by S.J. McLean ... 1930. 13p.

A paper read before the Canadian Railway Club ... April 11th, 1922, the figures and statistics for which have since been revised to December 31st, 1932.

Re warning signs at highway crossings at rail level. Report of Hon. Frank Oliver ... 1930. 10p.

Regulations regarding electric wires along and across railways. 1914. 8p.

Regulations regarding plans and specifications to be filed with the Board re general location of railways, branch lines or spurs, stations, grounds, buildings, etc. Dated June, 1920. 1920. 5p.

Regulations regarding plans required to be filed with the Board in connection with applications for railway crossings, junctions and drawbridges and general requirements for interlocking appliances. Dated June, 1920. 1920. 3p.

Rules and regulations. In.d.] 11p.

...Standard regulations of the Board affecting highway crossings signals. Dated July, 1932. 1932. 3p.

Standard rules for construction of pipe crossings. Dated June 1920. 1920. 2p.

Tariff of express companies. 1910. 113p.

Catalogues and Indexes

There are no general catalogues or indexes to the publications of the Board of Reilway Commissioners.

Bibliography

Canada. Railway Commissioners, Board of. Report, 1907- Ottawa,
 King's Printer, 1907- [v.1-]

Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906lv.1- J

List of the serial publications of foreign governments, 1815-1931.

Edited by Winifred Gregory... N.Y., H.W. Wilson Co., 1932. 720p.

McLean, S.J. The Railway Commission and the nature of its work. Ottawa, King's Printer, 1930. 13p.

extended in subsequent years, but due to the need for economy, it was considerably curtailed in 1932; even now it gives valuable service, especially to remote districts.

In 1933 there were about 12,000 post offices, 6,460 money order offices, and 4,300 rural mail routes in Canada. Functions

The general function of the Department is the supplying of postal service to all parts of the Dominion, and this obviously involves much responsibility and a complicated and efficient organization. Consequently the office of Postmaster General is one of high powers and great responsibility.

In brief summary the functions of the Department are as follows:

- a. The establishing and closing of post offices and mail routes
- b. The making and enforcement of contracts relating to the conveyance of mails, by land, sea or air and to other business of the post office in Canada.
- c. The making of postal regulations regarding all classes of mail matter, including letters, newspapers and other printed matter; parcel post, insured parcels, registered or special delivery letters, undeliverable mail matter, etc.; the establishment of rates of postage and the terms and conditions under which such matter may pass by post, or what shall be refused transmission in the mails
- d. The making and altering of rules and orders for the conduct and management of the business of the Department and for the guidance and government of Postmasters, District Superintendents of Postal Service and their staffs throughout the Dominion, in the performance of their duties

- e. The making and giving affect to any arrangements which are necessary to be made with the government or postal authorities of Great Britain or of any British Dominion or possession, or of any foreign country, with regard to the transmission of mails, the collecting and accounting for postage, the conduct of international money order service or other special services and other matters connected with postal business
- f. The enforcement of postal laws

Note: From 1911-1922 this department administered the Annuities act, but in 1922 it was assigned to the Dept. of Labour.

Organization

At present the Post Office Department is organized as

Collows:

Postmaster-General
Deputy Postmaster-General
Assistant Deputy PostmasterGeneral and Superintendent
of Postal Service

Postal Service Branch Railway Mail Service Chief Inspector, Postal Service Branch Air Mail Service Financial Branch
Mail Service Branch
Equipment and Supply Branch
Mechanical Engineer
District Superintendents
There are fourteen of these
officials located in various
parts of the Dominion

lications of the ost Office Department

ote: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

anada. Post Office Department

Serials

Booklet of postal information. 1925- [v.1-]

Title varies.
Issued approximately once a year.
Gives postal information for the average citizen.

Canada official postal guide... comprising the chief regulations of the Post Office, rates of postage and other information, together with an alphabetical list of post offices in Canada, revised and published annually... 1875- [v.l-]

Issued also in French.

List of post offices in Canada, with the names of the postmasters 1855-1873. v.

Published irregularly. Continued as Canada official postal guide.

Report of the Postmaster-General ... 1852- [v.1-]

Reports prior to 1868 included only Upper and Lower Canada. Issued also in Sessional papers 1860-1868, 1870-1924 and in Annual departmental reports 1925-Tssued also in French.

Special Publications

Parcel post regulations, Canada, 1914. 1914. 16p.

Regulations and instructions for the government of the Post Office Department in Canada. Quebec, John Lovell, 1852. 80p.

Rural mail delivery in Canada; regulations approved by the Post Office Department of Canada. [1927] 32p.

Published also in French.

Table D or Post Office directory for the Canadas, 2nd ed. corrected to June, 1835. 1835. 36p.

The first edition is not available for examination.

Table of post offices in Canada and the names of the postmasters 1854. Quebec, [n.p., 1854-56. [2v.]

Catalogues and Indexes

There are no catalogues or indexes to the publications of the Post Office Department.

Bibliography

anada and its provinces... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.

anada. Post Office Department. Report. v.p.,v.p., 1852-[v.1-]

anada year book, new series, 1913- Ottawa, King's Printer, 1966-[v.l-]

anadian almanac ..., 1934. v.p.,v.p., 1856?-[v.1-]

mith, William. The history of the post office in British North America, 1639-1870. Cambridge, University Press, 1920. 356p.

Department of Labour

The abundant resources and opportunities of Canada made labour problems a neglible factor in the early days, but with the establishment of factories and the consequent gathering of workers in industrial centres, trade unions developed. The first one to bring pressure to bear on the Government was the Canadian Labour Union which held annual meetings from 1873 to 1876, and had considerable influence, especially in Quebec and Ontario. The industrial depression in the late seventies put a stop to these meetings, but a Trades and Labour Congress was called in 1883 and 1836. The Provincial Workmen's Association in Nova Scotia and New Brunswick was in existence from 1879 to 1917, and exerted much influence in that section.

In 1882 the Government first took a hand in labour problems, and a commission was appointed to consider working conditions in industrial centres, particularly among women and children. They reported to Parliament in 1882. The second commission was appointed in 1886, following numerous strikes and a renewed agitation for enforcement of factory laws. This commission, after extensive investigation, issued a first and second report which are publications of note in the history of labour in Canada.

Dept. of Labour

In 1900 a Department of Labour was constituted under the Conciliation act 1 and from 1900 to 1909 was under the

^{1. 63-64} Vict., Chap. 24.

Postmaster-General, who was also called Minister of Labour. In 1909, due to increased duties and responsibilities, it was constituted a separate department, with a Minister of Labour devoting his entire time to its administration.

nctions

As first outlined in 1900, the duties of the Department were as follows:

- a. The administration of the Conciliation act, which consisted in the prevention and settlement of industrial disputes and the keeping of a record of such proceedings
- b. The administration of the Act to restrict the importation and employment of aliens
- c. The collection and dissemination of statistical and other information relative to labour conditions, by means of properly constituted inquiries and the publication of results
- d. The publication of the <u>Labor gazette</u> for the purpose of keeping the public informed as to industrial conditions, labour legislation, industrial accidents, strikes and other matters of interest to labour in Canada and other countries
- e. The carrying out of the fair wage policy of the government for the protection of workmen employed on government contracts or under government grants
- f. The collection and maintenance of a library, within the Department which follows three principal lines:
 - 1. Publications of government departments and bureaus of labour of other countries
 - 2. Publications dealing with the history and problems of labour and with general economic problems
 - 3. Publications of labour organizations in Canada and elsewhere

Since its establishment many statutes relating to labour have been assigned to the Department for administration. The

^{1. 8-9} Edw. VII, Chap. 22.

principal ones are as follows:

- 1907, Industrial disputes act which forbids strikes in disputes affecting mines and public utilities, and in other industries with the consent of the parties, until matters have come before a conciliation board organized according to Canadian law.
- 1908, Government annuities act, which provides for the purchase of old-age annuities, and was transferred to the Department for administration in 1922.
- 1914, White phosphorus matches act, which prohibits the manufacture, importation and sale of matches made with white phosphorus.
- 1918, Employment offices co-ordination act which provides for the cooperation of the Dominion Government with the provincial governments in the operation of free employment offices where unemployed persons and those seeking labour may be brought together, and for the publication of statistical and other information regarding employment conditions.
- 1919, Technical education act, which provides for annual grants to the provinces for the promotion of technical education for a period of ten years. Unexpended balances to the credit of any province were made available for a period of five additional years, by an act in 1929.
- 1923, <u>Combines investigation act</u>, which requires the investigation of alleged combines, monopolies, trusts and mergers detrimental to the public interest.
- 1927, <u>Old age pension act</u>, as amended in 1931, provides for non-contributory old-age pensions in cases where the province cooperates by providing one fourth of the amount of the pension.
- 1930, <u>Fair wages and eight hour day act</u>, which requires that the current wage rate of the district be observed, and an eight hour day on government contracts for construction, with fair and reasonable wages and hours on other government contracts.
- 1930, <u>Unemployment relief act</u>, which entrusted to the Department \$20,000,000 for relief to the unemployed.
- 1931, Unemployment and farm relief act. This act was for the duration of one year only, and provided for the distribution of the government appropriation for relief.

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1931, <u>Vocational education act</u>, which provides for grants to the provinces in aid of vocational, technical and industrial education. (No payments have been made, due to the financial and industrial depression)

- 1932, Unemployment and farm relief act, which provided for the continuation of the provisions of the act of 1951 for another year.
- 1933, inemployment relief act which provided for cooperation with the provinces and for direct relief in 1933 and 1934.

In addition to the administration of the acts assigned to it, the Department has conducted investigations on the subjects of cost of living, wages, employment conditions, etc., and has collected the statistical information required by the lational Labour Organization of the League of Nations, as well sending Canadian representatives to its conferences.

An important means of dealing with the labour problems hat have arisen from time to time, has been the appointment froyal commissions to investigate the situation. The reommendations and reports of these commissions have had an mportant influence upon the handling of labour problems by he Government, and consequently upon the work of the Department of Labour.

anization

The work of the Department is at present supervised by he following officials:

Minister of Labour Private Secretary Deputy Minister Assistant Deputy Minister Chief of Statistical Branch Associate Editor, Labour Gazette Accountant
Director of Employment Service
Superintendent of Government
Annuities
Registrar of Combines Investigation Act

Publications of the Department of Labour

Note: Unless otherwise stated all publications are issued from Ottawa and by the King's Printer.

Canada. Labour. Dept. of

Serials

Annual report, 1900- 1900- [v.1-]

Published also in Sessional papers 1902-1924; in Annual

departmental reports 1925-Includes reports of the work under each act administered by the Department, which are sometimes printed separately

Issued also in French.

Annual report on co-operative associations in Canada ... 1928-1932. [5v.]

Previously published as part of the Report on organization in industry Issued also in French.

Annual report on wholesale prices, Canada ... 1910-1917. no.1-8.

Bulletin. Industrial relations series. 1921- no.1-

Labour gazette, the journal of the Department of Labour. 1901- v.1-

Issued also in French.

Labour legislation in Canada. 1915- [v.1-]

Issued as follows: v.1, 1915; v.2, 1920; v.3, 1928, with annual supplements for the intervening and subsequent years.

Prices in Canada and other countries. 1923- v.

1923 issued in the Labour gazette and 1924- as supplement to it.

Report of the Dominion Director of Unemployment Relief, 1931-1932-[v.1-]

Report on labour organization in Canada. 1911-[v.1-] Issued also in French.

Report on organization in industry, commerce and the professions in Canada. 1923- [v.1-]

Issued also in French.

Vocational education. 1921- no.1-

Wages and hours of labour. Report. 1921- no.1-

Issued as supplement to the Labour gazette.

Special Publications

- ... Annuity tables showing the single and annual payments required for deferred annuities of \$\psi 100\$ on plans guaranteed 15 years and guaranteed 20 years ... 1928. 4p.
- Canadian government annuities. Interesting features. [1930] 19p.
- ... Combines investigation act. Investigation into alleged combine amongst coal dealers at Winnipeg and other places in western Canada, 1924-1925. Report of the Commission. 1925. 48p.
- ... Combines investigation act... Investigation into alleged combine in the distribution of fruit and vegetables in western Canada. Interim report of commissioner. 1925. 184p.
- ... Combines investigation act... Investigation into an alleged combine in the bread-baking industry in Canada. Report of registrar ... 1931. 58p.

Issued also in French.

- ... Combines investigation act. Investigation into an alleged combine in the motion picture industry in Canada. Report of the commissioner... 1931. 234p.
- ... Combines investigation act... Investigations into alleged combine limiting competition in the marketing of New Brunswick potatoes. Interim report of registrar... 1925. 144p.
- ... Combines investigation act. Investigation into the Amalgamated Builders Council and related organizations. An alleged combine of plumbing and heating contractors and others in the Province of Ontario. Report of commissioner. 1930. 38p.

- ... Combines investigation act. Investigation into the Electrical Estimators' Association, an alleged combine of electrical contractors in the City of Toronto. Report of commissioner ... 1930. 12p.
 - ... Combines investigation act... Investigation into the Proprietary Articles Trade Association, an alleged combine of wholesale and retail druggists and manufacturers, established to fix and maintain resale prices of proprietary medicines and toilet articles. Interim report of registrar. 1926. 37p.
 - ... Combines investigation act... Investigation into the Proprietary Articles Trade Association: an alleged combine of wholesale and retail druggists and manufacturers, established to fix and maintain resale prices of proprietary medicines and toilet articles. Report of commissioner... 1927. 29p.
 - ... Combines investigation act. Report of commissioner on alleged combine in the distribution of fruits and vegetables produced in Ontario... 1926. 57p.
 - ... Combines investigation act. Report of registrar on alleged combine in the manufacture and sale of bread in the city of Montreal ... 1926. 16p.

Mimeographed edition.

- Comparative prices, Canada and the United States, 1906-1911 (Agricultural, fisheries, lumber and mines products) ... 1911. 316p.
- ... The employment of children and young persons in Canada... 1930. 139p.
- Industrial councils; being the text of reports of the Whitley committee and of certain communications relating thereto, 1919. 1919. ?1
- Information respecting the Russian soviet system and its propaganda in North America ... 1920. 18p.
- ... Judicial proceedings respecting constitutional validity of the Industrial disputes investigation act, 1907, and amendments of 1910, 1918 and 1920... 1925. 304p.
- Labour disputes in Canada; government intervention. 1921. 21p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

- Legal status of women in Canada. As shown by extracts from dominion and provincial laws relating to naturalization, franchise, crime, marriage, divorce, property, devolution of estates, mothers and children, employment and other subjects. Published at the request of the National Council of Women in Canada ... 1924. 81p.
- Minority report, by Mr. R.H. Coats, member of the Cost of Living Commission, 1915. 1915. 1108p.
- ... Old age pension systems existing in various countries ... 1926. 15p.
- ... Old age pensions in Canada together with a summary of old age pension systems in other countries ... 1929. 111p.
- Report and evidence of the Grand Trunk Pacific alien system. 1905. 65p.
- Report by W.L. Mackenzie King ... commissioner appointed to investigate into the losses sustained by the Japanese population of Vancouver, B.C. on the occasion of the riots in that city in Sept., 1907. 1908. 22p.
- Report by W.L. Mackenzie King ... commissioner to investigate into the losses sustained by the Chinese population of Vancouver, B.C. on the occasion of the riots in that city in Sept., 1907. 1908. 18p.
- ... Report by W.L. Mackenzie King... Deputy Minister of Labour, on mission to England to confer with the British authorities on the subject of immigration to Canada from the Orient and immigration from India in particular... 1908. 10p.
- Report by W.L. Mackenzie King... on the need for the suppression of the opium traffic in Canada... 1908. 13p.
- Report of a special committee of the House of Commons on Bill 21, "An act respecting hours of labour on public works, 1910." [1910] 758p.
- Report of Cost of Living Commission, 1915. [1915] 2v.
- Report of industrial commission to inquire into industrial disputes in the cotton factories of the Province of Quebec, 1909. [1909] 32p.
- Report of Mr. W.L. Mackenzie King on his mission to England in connection with the immigration of Asiatics into Canada ... 1908. 7p.
- Report of National Industrial Conference. 1919. 224p.

- Report of proceedings of the First National Conference on Technical Education held at Ottawa, October 25 and 26, 1920. 1921. 77p.
- ... Report of proceedings under the Combines investigation act for the year ended, March 31, 1911 ... 1911. 22p.
- Report of royal commission on coal mining disputes on Vancouver Island, by Samuel Price. 1913. 43p.
- Report of royal commission on industrial disputes in Eritish Columbia, 1903... [1903] 77p.
- Report of royal commission on industrial relations. 1919. 28p.
- Report of royal commission on industrial training and technical education. 1914. 4v.
- ... Report of the Deputy Minister of Labour on industrial conditions in the coal fields of Nova Scotia ... 1909. 33p.
- Report of the regulations made pursuant to the provisions of the Old age pensions act, 1927... 1928. lop.
- Report of the royal commission appointed to inquire into the industrial u.rest among the steel workers at Sydney, N.S. 1924. ?
- Report of the royal commission on a dispute respecting hours of employment between the Bell Telephone Company af Canada and operators at Toronto. 1907. 102p.
- Report of the royal commission on the alleged employment of aliens by the Pére Marquette Railway Company of Canada, 1905. [1905] 36p.
- Report of the special committee of the House of Commons re Bill no. 2, "An act respecting industrial and cooperative societies, 1906-1907." 1907. 204p.
- Report of W.L. Mackenzie King on methods adopted in Canada in carrying out of government clothing contracts. 1899. 31p.
- Report on immigration of Italian labourers to Montreal and the alleged fraudulent practices of employment agencies. 1905. 57p.

Type-written ms .

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Report on strikes and lockouts in Canada from 1901-1912. 1913. 279p.

Report on strikes and lockouts in Canada, 1901-1916 ... 1918. 138p.

Report on the operations of flour milling companies in Canada. 1918. [1918]

Report on the sweating system in Canada, by A.W. Wright ... 1896. 5lp.

Studies in occupations. 1928. 4v.

War prices in Canada; a review of the prices situation since the outbreak of the war ... [1915] 12p.

talogues and Indexes

There are no general catalogues or indexes to the publications of the Department of Labour. Selected lists are included in the Labour gazette.

Employment Service Council of Canada

The Minister of Labour was required by an order-in-council of December 17, 1918, to establish, with the approval of the Lovernor in Council, the Employment Service Council of Canada. The object of the Council is to assist in the administration of the Employment offices co-ordination act by serving in an advisory capacity to the Minister of Labour. The order-in-council recuired that the Council should consist of the following members:

- l appointed by each of the provincial governments
 2 appointed by the Canadian Manufacturers' Association
 2 appointed by the Trade and Labour Congress of Canada
 1 appointed by the Railway War Board
 1 appointed by the Railway Brotherhoods
 2 appointed by the Canadian Council of Agriculture
 3 appointed by the Department of Labour, two of whom shall be women
- 1 appointed by the Returned Soldiers 1 appointed by the Soldiers Civil Re-establishment Department

^{1.} Items marked by ? are unknown because the publication is not available for examination.

The members of the Council hold office for three years, and are eligible for reappointment. By 1930 they had held eleven meetings, which resulted in many suggestions and recommendations to the Minister of Labour.

Since this is an advisory body, it issues no publications.

Bibliography

Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.

Canada. Labour, Dept. of Annual report. Ottawa, King's Printer, 1902- [v.1-]

Canada. Labour, Dept. of Labour gazette. Ottawa, King's Printer, 1901- v.1-

Canadian almanac ... 1933. v.p., v.p., 1856? [v.1-]

List of the serial publications of foreign governments, 1815-1931. Edited by Winifred Gregory. N.Y., H.W. Wilson Co., 1932. 720p.

Statutes of Canada. 1900. v.p.

Statutes of Canada. 1909. v.p.

CHAPTER XIII

Department of Trade and Commerce

Though the Department of Trade and Commerce was not rganized until 1892, interest in trade began in Canada uring the French régime, when the home government granted rading rights to powerful commercial companies. These ompanies practically controlled all trade, though the ndustrious Intendant Talon was influential in bringing bout some trade arrangements of advantage to the new ountry. With the advent of the British régime much the ame condition prevailed, and trade was controlled by the ome government even after responsible government was an ccomplished fact in Canada. Gradually, however, Canada ssumed the control of her own trade, which was undertaken y parliamentary committees and by the Minister of Finance. ho administered appropriations for commercial agencies and teamship subsidies, and made trade agreements.

At Confederation the Departments of Customs and Inland evenue2 were constituted, and took charge of these branches f the work. In 1887 a statute3 was passed constituting the epartment of Trade and Commerce, but was not brought into ffect until 1892. The new department absorbed the Departents of Customs and Inland Revenue, and at once expanded due o the growth of the nation, and has always been a busy and mportant body.

^{. 31} Vict., Cap. 43. . 31 Vict., Cap. 49. . 50-51 Vict., Chap. 10.

Happenings of especial interest and importance in its history are the reestablishment of Customs and Inland Revenue as separate departments in 1897, the constitution of the Board of Grain Commissioners in 1912 and the establishment of the Dominion Bureau of Statistics in 1918. The Board of Grain Commissioners is charged with the administration of the Grain act under the Department of Trade and Commerce. The Dominion Bureau of Statistics was organized to carry out the expanded statistical policy adopted in 1918, and to centralize all statistical agencies of the Government, in order to secure efficiency and uniformity in statistical services. This was also placed under the Minister of Trade and Commerce for administration. Since the World War the Department has expanded very rapidly, due to the growth of the external trade of Canada, who now occupies the fifth place in the world's export trade.

Functions

The functions of the Department as outlined in the original act were very general, being merely stated as the administration of all acts relating to trade and commerce that were not assigned to other departments. This left much to the initiative of the Minister in charge, and these officials have always adopted a vigorous and constructive policy. Trade Commissioners and Agents were at once sent to the principal trade markets of the world to study conditions,

^{1. 2} Geo. V, Chap. 27. 2. 8-9 Geo. V, Chap. 43.

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and to make arrangements conducive to the growth of Canadian trade. Statistical service relating to trade, navigation, imports, exports, etc. was instituted, and a system of steamship subsidies established for the encouragement of trade. An inspection service rapidly developed as the result of these activities, and included electricity, gas, weights and measures, and later fish, oil, hides and leather. Frequent reports were made on Canadian currency and its relation to that of other countries, and a system of bounties was established for the encouragement of production. These bounties have varied with the demands of trade, and have been offered on such commodities as iron and steel, fibre, oil, etc.

Additional changes in the duties of the Department have taken place as follows:

- 1892-1912, the Chinese immigration act was administered by the Department, but in 1912 was transferred to the Department of the Interior.
- 1908-1911, the Annuities act was administered here, but in 1911 was taken over by the Post Office Department.
- In 1913 the responsibility of the census was taken over from the Department of Agriculture, and in 1918 was absorbed by the Dominion Bureau of Statistics.
- 1918-1927, patents and copyrights were cared for by the Department, but were reassigned to the Department of State in 1927.

The work of the Department at the present time may best be presented by a summary of the work of its various branches as follows:

Commercial Intelligence Service

The principal function of this branch is the assistance of export trade, which is achieved through a staff in Ottawa and through the offices of thirty-five Trade Commissioners abroad. Each Trade Commissioner, with his staff, takes charge of Canadian trade interests in his locality, and the staff in Ottawa deal with inquiries and collect and publish information.

Foreign Tariffs Division

This division furnishes information on customs duties, consular procedure, merchandising regulations and general trade regulations for Canada and other countries.

Trade Publicity Branch

This branch contributes advertizing and articles on trade to the Canadian press and for use by the Trade Commissioners abroad. A Canadian Trade Publicity Bureau is maintained in London, which cooperates with other Canadian agencies, by advertizing and through educational propaganda. Canadian Government Exhibition Commission

The Commission has its headquarters in London and participates in all important fairs and exhibitions in the United Kingdom, and in the more important ones on the contintent, as well as arranging exhibits and window displays in departmental stores. In addition advertizing matter is sent out to schools, institutions and bazaars. The material of these advertisements and exhibits has chiefly to do with the food

products and natural resources of Canada.

Canadian Government Motion Picture Bureau

The Bureau has operated since 1918, and distributes throughout the world, motion pictures, photographs and lantern slides, showing the natural resources, scenic attractions, industries and business development of Canada. It produces and distributes all of its own materials, and has been a most successful agent for building up export trade and for attracting tourists to Canada.

Dominion Bureau of Statistics

This Bureau collects and publishes all official statistics on every phase of national life including industries, trade, transportation, communication, finance, production and general economic and social conditions.

The Bureau also keeps in close touch with economic development in other countries. Many of its publications are issued monthly and quarterly, as well as annually, so that statistical information is available on practically all current affairs of Canada.

Board of Grain Commissioners

The Board has its headquarters in Winnipeg and maintains the Grain Research Laboratory. In administering the Grain act it takes charge of all the inspection, weighing and grading of grain, in order to guarantee to the foreign importer that the grain purchased is of the standard called for by the certificate accompanying the shipment.

Electricity and Gas Inspection Service

This branch supervises the testing of all gas and electric meters to insure correct measurement to the public. This is achieved by means of dividing the Dominion into three divisions and twenty districts, where testing and inspection are carried on. Each division maintains a laboratory where instruments and apparatus are tested and calibrated. Tests are also made for the general public and for the National Research Council.

Since the imposition of the export tax on electrical energy, close contact is maintained with exporting plants.
Weights and Measures Inspection Service

This service supervises the inspection of all apparatus and devices for weighing, used in the trade of the Dominion.

Special Acts under Department of Trade and Commerce

The act to encourage the use of Canadian coal in the manufacture of iron and steel, authorizes the payment of $49\frac{1}{2}$ cents per ton on bituminous coal mined in Canada, and converted into coke to be used in the manufacture of iron and steel.

The Precious metals marking act1 provides that articles made from gold, silver and platinum, that are made in or imported into Canada, be of a certain standard, so they must be correctly marked to indicate that they are of the required standard.

The above acts are administered by the Department.

^{1. 19-20} Geo. V, Chap. 53.

rganization

The Department is at present organized as follows:

Minister
Deputy Minister
Assistant Deputy Minister
Secretary to the Minister
Secretary to the Department
Director of Steamship Subsidies
Chief Accountant
Director of Weights and
Measures
Canadian Government Motion
Picture Bureau
Director of Electricity and
Gas Inspection
Foreign Tariff's Division

Director of Publicity
Director of Canadian Trade
Publicity in Great Britain
Canadian Government Exhibitions
Commission

Inspector of Subsidized Steamships

Dominion Bureau of Statistics Dominion Statistician Chief, General Statistics and Editor of Canada Year Book Division of Demography Education Statistics Branch Division of External Trade Division of Internal Trade Division of Agriculture Census of Manufactures Forestry Statistics Branch Transportation and Public Utilities Division Finance Division Metallurgical and Chemical Division Judicial Statistics Branch

Board of Grain Commissioners Chief Commissioner Commissioners (2 in number) Assistant Commissioner at head of the lakes Assistant Commissioner for Saskatchewan Assistant Commissioner for Manitoba General Manager, Government Elevator System Chief Inspector Chief Weighmaster Eastern Grain Standards Board, Secretaries at Montreal and Toronto Western Grain Standards Board, Secretary at Winnipeg Dominion Grain Research Laboratory Chemist

Director
Editor, Commercial intelligence journal
Trade Inquiries Division
Exporters' Directory Division
Trade Commissioners
Trade Commissioners
are
located in 33 countries,
with one or more to a
country as the case
requires.

Publications of the Department of Trade and Commerce

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

Canada. Trade and Commerce, Dept. of

Serials

Annual report of the department. 1916-[v.1-]

Administrative report only. Includes summaries of the work of all divisions and a statement of Canada's trade. Continues in part Report of the minister of Trade and Commerce, 1892-1905.

In Sessional papers, 1916-1924; in Annual departmental reports, 1925- Usually issued separately also.

Annual report of the electricity and gas inspection services... 1928- [v. 1-]

1873-1927 included in annual report of the weights and measures, electricity and gas inspection services.

Annual report of the Minister of Trade and Commerce. 1893-1905. [13v.]

Continued in sections, 1905-1915 as follows:

Pt.1. Canadian trade... 1906-1915. [11v.]

Continued as Bureau of Statistics. External Trade Branch. Annual report of the Trade of Canada, later, Trade of Canada.

Pt.2. Trade of foreign countries. 1906-1908. [3v.]

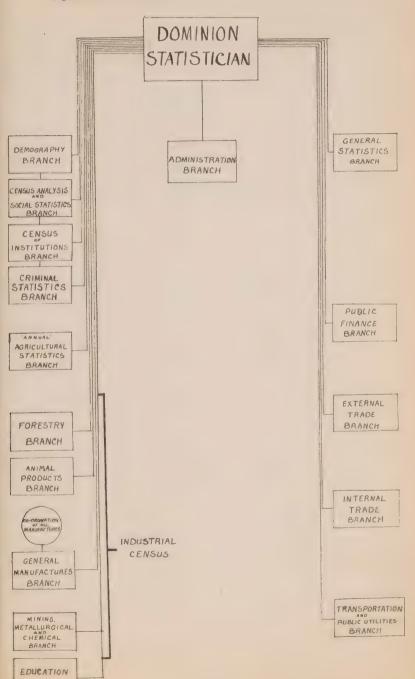
For continuation of this series, see Pt.7

- Pt.2. Canadian trade with France; with Germany; with United Kingdom; with United States. 1908-1916. [9v.]
- Pt.3. Trade with foreign countries (except France, Germany, United Kingdom and United States.) 1909-1916. 8v.

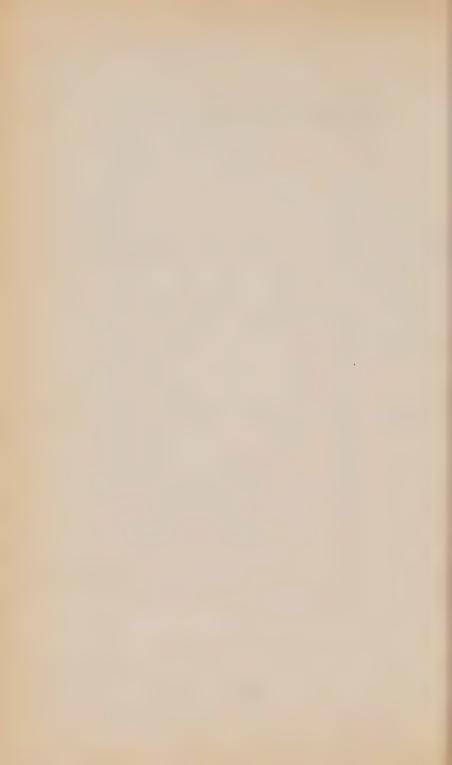
For continuation of this series, see Pt.7

Pt.4. Canadian trade. Miscellaneous information. 1909-1916. [8v.]

ORGANIZATION CHART of the DOMINION BUREAU OF STATISTICS



BRANCH



- Pt.5. Grain statistics ... 1908-1916. 19v.]
 - Continued as Bureau of Statistics. Agricultural Branch. Report on the grain trade.
- Pt.6. Subsidized steamship service. 1908-1916. [9v.]
 - Continued as Report relating to mail subsidies and steamship subventions.
- Pt.7. Trade of foreign countries and treaties and conventions. 1907-1916. [lov.]
- Annual report of the weights and measures, electricity and gas inspection services. . 1874-1927. [53v]
- Forms part of the series, Reports, returns and statistics of the inland revenue, 1876-1918. See, Dept. of National Revenue.
 - Title varies.
- Annual report on the weights and measures inspection service.
 1928- [v.1-]
- 1873-1926 these statistics appear in Annual report on the weights and measures, electricity and gas inspection services.
- Annual review of the work of the Canadian Commercial Intelligence Service. 1914-1916. [3v.]
- Issued as supplement to the Weekly report of the Dept. of Trade and Commerce.
- Canadian expansion... 1906. no.1-12.
- Inspection of weights and measures ... see, Annual reports
 on the weights and measures...
- wonthly report of the trade, see Bureau of Statistics. Quarterly report...
- Quarterly report, see Bureau of Statistics. Quarterly report...
- Report relating to mail subsidies and steamship subventions as controlled by the Department of Trade and Commerce ... with traffic returns, etc. 1917-1921. v.
- Formerly published as Pt. 6 of the Report of the Minister of Trade and Commerce.
- Report relative to imports and exports ... 1894-1900, see Bureau of Statistics. Quarterly report of the trade ...

- Weekly bulletin, see Commercial Intelligence Service. Commercial intelligence journal.
- Weekly report, see Commercial Intelligence Service. Commercial intelligence journal.

Special Publications

- ... Assistance that can be given by Canadian Trade Commissioners ... [1928] 4p.
- Canada British West Indies-Bermuda-British Guiana-British Honduras trade agreement. 1925. ?
- Canada. Trading in grain futures, Commission to inquire into. Evidence and proceedings. Winnipeg, Grain Trade News, 1931. 357p.
- Canada. Trading in grain futures, Commission to inquire into. Report. 1931. 90p.
- The Canadian industrial field; a compilation for the guidance of industrialists considering expansion in Canada, 2nd rev. ed. 1933. 150p.

First edition not available for examination. Not for general distribution.

Catalogue of motion pictures produced by Canadian Government Motion Ficture Bureau, Ottawa, Canada. 1933. 30+[14p].

Issued in loose leaf form, and to be kept up-to-date by additional sheets.

Copyright act, 1921. Rules and forms... [1928] 16p.

Directory of foreign importers. Compiled by Trade Commissioners ... 1911. 198p.

Issued as supplement to Weekly report.

- Electrical standards and their application to trade and commerce, by Ormand Higman. 1921. 8p.
- Export directory of Canada, containing a list of Canadian manufactures, producers and exporters. ? ?

Now kept in card index form.

The forest and forest products industry of Canada. [n.d.] 20p. (Canadian industrial field, Chap.ll)

Issued by Dept. of the Interior. National Development Bureau and the Dept. of Trade and Commerce.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

fuel resources of Canada. [n.d.] 18p. (Canadian industrial field, Chap.9)

Issued by Dept. of the Interior. National Development Bureau and the Dept. of Trade and Commerce.

... Handbook for export to South America, by Mr. H.R. Pousette, Canadian Trade Commissioner at Buenos Aires. 1915. 65p.

Issued as supplement to the Dept. of Trade and Commerce.

the mineral and mining industry of Canada. [n.d.] 23p. (Canadian industrial field, Chap.10)

Issued by the Dept. of the Interior. National Development Bureau and the Dept. of Trade and Commerce.

an-Pacific Commercial Conference. 1923. ?1

l'eglements concernant les poids et mesures approuvés par Arêté de l'executif le 7 novembre 1914 ... [1928] 32p.

teport of Departmental Commission on the Official Statistics of Canada with appendix consisting of notes and evidence. 1913. 75p.

teport of proceedings of Grain Conference held from March 31 to April 3, 1908 before the Rt. Hon. Sir. R.J. Cartwright ... Minister of Trade and Commerce to consider the report of the Royal Grain Commission. 1908. 160p.

Report of Special Trade Commission to Great Britain, France and Italy, May to September, 1916. [n.d.] 158p.

teport of the Pan-Pacific Commercial Conference held at Honolulu
from October 25 to November 6, 1922, under the auspices of the
Pan-Pacific Union, by F.C.T. 0 Hara... 1923. 20p.

deport on the Mission to Australia ,.. 1894. 124p.

Issued also as Sessional paper no.5a. (1894)

... Report on the trade of China and Japan, by Mr. Richard Grigg ... 1914. 48p.

Issued as supplement to Dept. of Trade and Commerce. Weekly

Report on timber import trade of Australia, by H.R. Macmillan, Canadian Special Timber Trade Commissioner, 1917, 96p.

Issued as supplement to Dept. of Trade and Commerce. Weekly rulletin.

[.] Items marked by ? are unknown because the publication is not vailable for examination.

- Report re north Atlantic steamship combine, by W.T.R. Weston, 1925. 28p.
- ... Reprint of articles dealing with Russian trade. Preliminary report by Mr. C.F. Just, Canadian Special Trade Commissioner ... 1916. 97p.

Issued as supplement to Dept. of Trade and Commerce. Weekly bulletin.

... Reprint of articles dealing with the German war and its relation to Canadian trade. 1914. 110p.

Issued as supplement to the Dept. of Trade and Commerce. Weekly bulletin.

... Special report on the trade between Canada and the United States, for use of the International Commissioner, Quebec, August, 1898. 1898. 259p.

Issued also as Sessional paper no.5a, 1899.

Special Trade Commission to Great Britain, France and Italy. Report, May-Sept., 1916.... 1916. 158p.

Synopsis of the laws of the Dominion of Canada respecting the sale of food and other commodities. 1916. 16p.

Trade agreement between Canada and New Zealand, 1932. 17p.

Issued as supplement to Commercial intelligence journal, May 25, 1932.

Transportation in Canada. [n.d] 32p. (Canadian industrial field, Chap.7)

Issued by Dept. of the Interior. National Development Bureau and Dept. of Trade and Commerce.

Water-power resources of Canada. [n.d.] 15p. (Canadian industrial field, Chap. 8)

Issued by Dept. of the Interior. National Development Bureau and Dept. of Trade and Commerce.

Board of Grain Commissioners

Serials

List of licensed elevators and warehouses. 1908- [v.l-]

Report. 1913- [v.1-]

Special Publications

Frain inspection in Canada, by R. Magill. (1914, 64p.

Grain Research Laboratory, Winnipeg

Serials

Annual report. 1928- [v.l-]

3ulletin. 1918. no.1.

Discontinued.

Report. 1918. no.1.

Covers the work of the Laboratory from its inception to 1918. Discontinued with no.1.

Census and Statistics Office

Note: Prior to 1917 publications relating to statistics and the census were issued by the Dept. of Agriculture, and after 1918 by the Dominion Bureau of Statistics.

Berials

ensus and statistics monthly. 1908-1918. v.

v.1-10, no.3 issued by the Minister of Agriculture; 1910-1917 by the Minister of Trace and Commerce; 1914-1917 by Dept. of Trade and Commerce. Census and Statistics Office. Continued as Dominion Bureau of Statistics. Monthly culletin of agricultural statistics.

lensus of Canada, 5th, 1911.

Bulletin, 1911-1915. no.1-19.

Report. 1912-1915. 6v.

V.1. Area and population V.4. Agriculture

v.2. Religions, origins, etc. v.5. Forests, fishery, furs. etc.

V.3. Manufactures V.6. Occupations

Criminal statistics, see Dominion Bureau of Statistics. Judicial Statistics Branch.

Special Publications

Census of Prairie Provinces. Population and agriculture. Manitoba, Saskatchewan, Alberta, 1916. 1918. 356p.

Issued in French and English.

... Special report on the foreign born population. Abstracted from the records of the fifth census of Canada, June, 1911. 1915. 62p.

Commercial Intelligence Service

Serials

Commercial intelligence journal... 1904- no.1-

No.1-589, 1904-1915, issued as Weekly report; no.590-934, 1915-1921 as Weekly bulletin. Volume numbering begins with v.12. Errors in numbering as follows, no.358 as 359, no.538 as 38, no.779 as 778, no.1051 as 1015, no.359 as 359a. Includes reports of Trade Commissioners and Trade Agents and other commercial information. Issued also in French.

Apple supplement. 1920- no.1-

Commercial series. 1920-1922. no.1-4.

Weekly bulletin. 1915-1921. no.590-934.

Preceded by Weekly report, and continued as Commercial intelligence journal.

Weekly report. 1904-1915. no.1-589.

Special Publications

Australian market for fish products. 1931. 23p.

Reprint from the Commercial intelligence journal, April 4, 1931.

Canada as a field for British branch industries, by Mr. P.W. Cook ... 1922. 132p.

Canadian export timbers, their properties and uses, prepared by Forest Service. Forest Products Laboratory, Ottawa. [1934] 57p.

Czechoslovakia as a market for Canadian products, by L.D. Wilgress ... 1927. 48p.

Reprint from the Commercial intelligence journal.

Denmark as a market for Canadian products. 1926. 50p.

Empire tariff preferences on Canadian goods, by William Gilchrist... 1930. 34p.

Same, 2nd ed. 1930. 36p.

Foreign markets for Canadian certified seed potatoes. 1930. 42p.

Reprint from the Commercial intelligence journal.

French Canadian homespun industry, [by] Henri Turcot. 1928. 19p.

Issued also in French.

Greece as a market, by menri Turcot, 1931. 107p.

The Indian Empire as a market for Canadian products by H.R. Pousette... 1922. 183p.

Invoice requirements. [n.d.] ",p.

Leaflets governing the following countries: Argentina, Australia, Belgium, Bolivia, Brazil, Central American republics, Chile, China, Colombia, Cuba, Denmark, Ecuador, Finland, France, Greece, Holland, India, Italy, Japan, Mexico, Netherlands, East Indies, New Zealand, Norway, Peru, South Africa, Switzerland, Turkey, Uruguay and Venezuela. Issued irregularly.

Jugoslavia as a market, by A.B. Muddiman ... 1930. 46p.

Reprint from the Commercial intelligence journal.

Lumber market of Japan, by A.E. Bryan. 1926. 64p.

Map of the world showing trade routes. 1930. ?1

The markets of British Malaya, by P.W. Ward. 1923. 112p.

Markets of Central America (Guatemala: El Salvador: Honduras: Nicaragua: Costa Rica: Panama: British Honduras), by C. Nöel Wilde ... 1929. 132p.

Markets of Jamaica and the republics of Columbia, 'enezuela and Ravana. 1922. ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Peru as a market for Canadian products, by E.L. McCall. 1926. 61p.

Points for exporters. [n.d.] v.p.

Leaflets covering the following countries: Australia, Belgium, the Bahamas, Brazil, British Honduras, China, Colombia, Cuba, Egypt, France, Germany, Haiti, Hong Kong, India, Jamaica, Japan, Mexico, British Malaya and Siam, Netherlands, East Indies, New Zealand, Panama, South Africa, British West Indies, Venezuela and the United Kingdom. Issued irregularly.

Reprint from the Commercial intelligence journal.

Precious metals marking act, office consolidation. 1929. 14p.

Republic of Chile: its economic condition and trading opportunities. 1923. ?1

South American markets, Argentina, Chile, Paraguay and Uruguay, by E.L. McCall. 1929. 30p.

Sweden as a market for Canadian products, by L.D. Wilgress... 1927. 50p.

Reprint from the Commercial intelligence journa

Switzerland as a market, by J.C. Macgillivray... 1929. 52p.

Reprint from the Commercial intelligence journal.

Trade of the African sub-continent, by G.R. Stevens... 1928.

The trade of the new countries of south-east Europe; Roumania, Hungary, Czechoslovakia, Austria, Turkey, Jugoslavia, by L.D. Wilgress. 1921. 260p.

Trade possibilities of the Baltic States, by L.D. Wilgress. 1929. 34p.

Trading in Spain, by W. McL. Clarke... 1920. 116p.

Issued as supplement to Weekly bulletin.

Trading opportunities in Scandinavia, by Norman D. Johnston... 1922. 184p.

Trading with Columbia and Venezuela, with notes on Curaçao, by James Cormack... 1928. 44p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Trading with Egypt. 1921. ?1

... Trading with Greece, by W. McL. Clarke. 1921. 108p.

Issued as supplement to the <u>Weekly bulletin</u> of the Department of Trade and Commerce.

West Africa and its opportunities for Canadian trade, by W.J. Egan. 1921. 80p.

Laboratory, see Health, Dept. of. Food and Drug Laboratory.

Catalogues and Indexes

Condensed list of publications ... [n.d.] [3p.]

A mimeographed edition.

Dominion Bureau of Statistics

Serials

Annual report of the Dominion Statistician. 1919-1927. [5v.]

Reports for 1920, 1921, 1923, 1926, 1927- not published separately, but as a part of the Dept. of Trade and Commerce. Annual report. Published also in Sessional papers in this form, 1920-1924 and in Annual departmental reports, 1925- Issued also in French.

Agricultural Statistics Branch

Serials

Advance summaries of agricultural statistics. 1908- [v.1-] Monthly.

Annual report on live stock and animal products, see Live stock and animal products.

Annual report on the grain trade of Canada, see Report on the grain trade of Canada.

Annual statistics of fruit and floriculture, 1919- 1920- [v.1-]

1919-1925 as Fruit Statistics; 1919-1920 reprinted from Monthly bulletin of agricultural statistics; 1922 not issued separately.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Canadian grain statistics. 1920- [v.1-]

Estimated consumption of of meats, butter, cheese, eggs and poultry in Canada, 1924-1927- 1927- [v.1-]

Mimeographed reports issued irregularly. Each issue covers a period of four years.

The grain situation in the Argentine. 1932- [v.1-]

Monthly mimeographed report. Preceded by Telegraphic reports. Title varies.

Handbook of instructions to crop correspondents and summary of annual agricultural statistics. 1908-[v.l-]

Title varies.
Issued also in French.

List of flour mills in Canada. 1920- [v.1-]

Mimeographed reports issued irregularly.

Live stock and animal products statistics. 1919- [v.1-]

Each report covers period, 1919-date.
Prepared in collaboration with the Dept. of Agriculture.

Monthly bulletin of agricultural statistics. 1908- [v.1-]

v.1-10, no. 3 issued as Census and statistics monthly; 1908-1909 issued by the Minister of Agriculture; 1910-1917 issued by the Minister of Trade and Commerce; 1914-1917 by the Census and Statistics Office of that department, 1918- by Dominion Bureau of Statistics.

Monthly milling statistics. 1920- [v.1-]

Mimeographed.

Monthly report on raw and refined sugar (visible supply, meltings, shipments, exports and imports) 1919- [v.l-]

Mimeographed.

Monthly reports on stocks in cold storage. 1917- [v.1-]

Advance, preliminary and final reports. Mimeographed.

Monthly review of the wheat situation, 1930- [v.1-]

Report on the grain trade of Canada. 1918- [v.1-]

Prepared in collaboration with the Board of Grain Commissioners.

Continues Dept. of Trade and Commerce. Annual report of the
Minister, Pt. 5, Grain statistics.

Telegraphic crop reports. 1915- [v.1-]

From June to September, weekly for the Frairie Provinces and fortnightly for the rest of Canada.

Weekly report on grain visible supply and movement. ?1 ?1

Special Publications

Agricultural statistics by counties and crop districts, 1922-1924. 1926. 38p.

Agricultural statistics by provinces, counties and crop districts, 1925-1929. 1930. 68p.

Agriculture, climate and population of the Frairie Provinces of Canada; a statistical atlas showing past developments and present conditions; prepared under the direction of W.B. Hurd and T.W. Grindley. 1931. 102p.

Barley: a survey of statistical and other data relating to Canadian barley and its place in world production and trade. 1933. 40p.

Issued as part of a series on the production and distribution of coarse grains.
Rotaprint.

Cost of grain production in Canada, 1923. 1924. 22p.

Reprinted in part from the Monthly bulletin of Agricultural statistics.

Oats: a survey of statistical and other data relating to Canadian oats - production and trade. 1933. 36p.

Issued as part of a series on the production and distribution of coarse grains.

Rotaprint.

Rye: a survey of statistical and other data relating to Canadian rye and its place in world production and trade. 1934. 32p.

Issued as part of a series on the production and distribution of coarse grains.

Special historical report on the flour milling industry, 1605-1929. ?1 ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Animal Products Statistics Branch

Serials

Harness and saddlery and miscellaneous leather goods in Canada. 1919-1932. [14v.]

Issued annually as rotabrint or mimeographed report.

Leather glove and mitt industry in Canada. 1919- [v.1-]

Issued annually as a rotaprint.

Leather industry in Canada. 1919-[v.1-]

Issued annually as a rotaprint.

Production of leather footwear in Canada. 1919-1932. v.

Issued monthly in mimeographed form. Issued also in French.

Report on the leather boot and shoe industry in Canada. 1919-1932. 114v.]

Annual mimeographed report.

Slaughtering and meat packing and sausage and sausage casings.

Annual mimeographed report.

Dairy Statistics Division

Serials

Advance report on statistics of dairy factories. [ca.1924- v.1-]

Mimeographed. Title varies.

Advance report on the concentrated milk plants of Canada. 1924- [v.l-]

Mimeographed.

Concentrated milk production. 1929- [v.1-]

Monthly mimeographed report.

Froduction of creamery butter in Canada. 1932- [v.1-]

Monthly mimeographed report.

Report on the production of processed cheese in Canada. 1925- $\lfloor v.1- \rfloor$

Mimeographed.

Statistics of dairy factories ... (prepared in collaboration with the dominion and provincial Departments of Agriculture) 1917- [v.1-]

1917 issued as part of the Census of industry. Title varies.

Special Publications

List of creameries, cheese factories, combined butter and cheese factories, condenseries and ice cream plants, Canada, 1921. (Prepared in collaboration with the Dairy and Cold Storage Branch of the Dominion Department of Agriculture, the Quebec Bureau of Statistics and the Dairy Branches of the provincial Departments of Agriculture) 1923. 56p.

Issued also in French.

Fisheries Statistics Division

Serials

Advance report on the fisheries of British Columbia. Lca.1924- v.1-]

Mimeographed. Title varies.

Advance report on the fisheries of Canada. lca.1920- v.l-]

Mimeographed. Title varies.

Advance report on the fisheries of New Brunswick. lca.1924-v.1-

Mimeographed. Title varies.

Advance report on the fisheries of Nova Scotia. | ca. 1924- v.1-]

Mimeographed Title varies. Advance report on the fisheries of Ontario, the Prairie Provinces and Yukon Territory. ca.1924- [v.1-]

Mimeographed. Title varies.

Advance report on the fisheries of Prince Edward Island. ca.1924- [v.1-]

Mimeographed. Title varies.

Advance report on the fisheries of Quebec. ca.1924- [v.1-]

Mimeographed. Title varies.

Fisheries statistics of Canada (prepared in collaboration with dominion and provincial Fisheries Departments. 1917-[v.1-]

Issued annually; 1917 as <u>Census of industry</u>, pt. 3. Title varies.
Issued also in French.

Fur Statistics Branch

Serials

Advance report on the fur farms of Canada. 1919- [v.1-]

Mimeographed; 1929-1930 issued in separate reports for geographic divisions.
Title varies.

Advance report on the fur production of Canada ... ca.1926-[v.1-]

Annual mimeographed reports. Title varies.

Fur production of Canada. 1919-[v.]-]

Annual mimeographed reports.

Report on the fur farms of Canada. 1919- [v.1-]

Title varies.
Annual.
Issued also in French.

Report on the fur goods and fur dressing industries in Canada. 1919- $\lfloor v.l- \rfloor$

Annual mimeographed reports.

Demography Branch

Serials

Census of Canada, $6 ext{th.}(1921)^{1}$

Bulletin, ser. 1. Population. 1921-1923. no.1-21.

Bulletin, ser. 2. Agriculture. 1921-1923. no.1-12.

Report. 1924-1928. 5v.

v.l. Population: number, sex and distribution-racial origins-religions. 1924. 859p.

v.2. Population: age, conjugal condition, birthplace, immigration, citizenship, language, educational status, school attendance, blindness and deaf mutism. 1925. 776p.

v.3. Population: dwelling, families, conjugal condition of family head, children, orphanhood, wage earners. 1927. 551p.

v.4. Occupations. 1928. 837p. v.5. Agriculture. 1925. 787p.

Census of Canada, 7th (1931)

Animal products of farms, by counties. 1931-1933. no.1-18. Mimeographed.

Bulletin. Agriculture, Final. 1931-1933. no.1-26.

Bulletin. Agriculture, Preliminary. 1931. no.1-21.

Mimeographed or rotaprints.

Bulletin. Census of institutions. 1931-1933. no.1-11. Rotaprints.

Bulletin. Population, Final. 1933-1934. no.1-39.

Bulletin. Population, Preliminary. 1931. no.1-17. Mimeographed.

Bulletin. Unemployment. 1933. no.1-9.

Intercensal estimates of population. 1867- [v.1-]

lssued annually: 1868-1913 by Dept. of Agriculture; 1913-1918 by Dept. of Traje and Commerce. Sensus and Statistics Office.

^{1.} For ea rlier census publications, see p. 133, 362, 363.

Vital statistics. Annual report. 1921- no.1-

Special Publications

- Alphabetical index to occupations; sixth census, 1921, comp. by S.B. Smith. 1921. 407p.
- Annotated bibliographic list of demography of primitive populations of Canada and Alaska. 1932. 40p.

Type-written ms. on rile in the Library or the Dominion Bureau of Statistics.

Area of field crops by counties and census divisions, 1930.

Rotaprint.
Issued also in French.

Census and pre-censal records of Canada; analytical bibliography, comp. by M.C. Maclean. 1933. 39p.

Mimeographed.

Census of Alberta, 1926. Population and agriculture ... 1927. 269p.

For 1916 report, see Dept. of Trade and Commerce. Census and Statistics Office. Census of the Prairie Provinces.

Issued also in French.

Census of Canada, 7th. 1931: instructions to commissioners and enumerators ... 1931. 205p.

Issued also in French.

Census of Manitoba, 1926. Population and agriculture ... 1927. 205p.

For 1916 report, see Dept. of Trade and Commerce. Census and Statistics Office. <u>Census of the Prairie Provinces</u>.

Issued also in French.

Census of Manitoba, Saskatchewan and Alberta, 1926. Instructions to commissioners and enumerators ... 1926. 91p.

Issued also in French.

Census of Saskatchewan, 1926. Population and agriculture. 1927. 299p.

For 1916 report, see Dept. of Trade and Commerce. Census and Statistics Office. Census of the Prairie Provinces.

Issued also in French.

-371-

Census of the North-West Territories; certain parts of the Yukon; eastern shore of Hudson Bay north of Great White River; and southern shore of Hudson Strait and Ungava Bay, 1931. Instructions to enumerators. 1930. 36p.

Issued also in French.

Census of the Prairie Provinces. 1926. 1926. 15v.]

Freliminary bulletins:

- a. Population of Manitoba: electoral districts ...
- b. Population of Saskatchewan: electoral districts...
 c. ropulation of Alberta: electoral districts...
 d. Animals in the Prairie Provinces, 1926.

- e. Farm lands and crops in the Frairie Frovinces. 1926.

Census of unemployment, 1931; number of wage earners not working on June 1, 1931. 1932. 6p.

Mimeographed.

Children in gainful occupations. 1929. 87p.

Issued also in French.

- Classification of industries and services; seventh census, 1931, comp. by A.H. LeNeveu. 1931. 94p.
- Classifications of occupations; seventh census, 1931, comp. by A.H. Leweveu. 1931. 416p.
- Classified index to occupations; sixth census, 1921, comp. by S.B. Smith. 1921. 337p.

Condition on farm lands. 1934, 28p.

Rotaprint.

Issued also in French.

Deaths due to automobile accidents, 1927. 1928. 1p.

Mimeographed.

Directory of the hospitals in Canada. 1933. 66p.

Rotaprint.

Farm facilities by provinces ... ?1 3p.

Farm holdings by size, by counties and census divisions ... ?1 6p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Farms reporting live stock by kinds and total number of animals for each kind (preliminary report) ? llp.

Forest products of farms by counties or census divisions, 1930.

Rotaprint.
Issued also in French.

Fruit trees, 1931; maple trees tapped, 1931; maple products, 1931; fruit production and value, 1930. 1931. 23p.

Rotaprint.
Issued also in French.

Fruit trees on farms by provinces, 1921-1931. ?1 lp.

Greenhouse and hothouse establishments on farms and elsewhere, by provinces, 1931, 1921. 1931. 4p.

Rotaprint.

International list of causes of death as arranged for 1920 and 1929, divided by classes. ?1 lp.

Mimeographed.

List of books relating to Montreal and its people, comp. by Grace S. Lewis. ? 5p.

Type-written ms. on file in the Library of the Dominion Bureau of Statistics.

Manual of the international list of the causes of death, as adapted for use in Canada, based on the fourth decennial revision by the International Commission, Faris, October 16-19, 1929. 1933. 284p.

The 1931 census of agriculture. ?1 2p.

Mimeographed.

Nomenclatures: 1. Detailed list of causes of death. ? 6p.

Number of farm workers, weeks and cost of hired labour, 1930; by counties or census divisions ... ?1 8p.

Number of live stock on farms, by provinces, 1931-1921. ?1 6p.

Issued also in French.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Occupations, Canada, 1921. 1927. 14p.

Issued also in French.

Order of birth in the registration area of Janada, 1925. ?1 ?1

Origin, birthplace, nationality and language of the Canadian people; a census study based on the census of 1921 and supplement, prepared under the direction of 7.8. Hurd. 1929. 224p.

Issued also in French. 1930.

Physicians' pocket reference to the international list of cause of death. 1931. 29p.

Fure-bred live stock on farms and elsewhere, census of 1931.

Issued also in French.

Report of the Conference on Vital Statistics between representatives of the dominion and provincial governments held at the Dominion Bureau of Statistics on Wednesday and Thursday, June 19-20, 1918. 1918. 48p.

Seventh census of Janada, 1931; population, 1871-1931. ?1 [150p.]

Reprint of Seventh census, v.2, p.1-150.

Special report on contributory causes of death, 1926... 1929.

Issued also in French.

Special report on order of birth of children born in 1925 (registration area as of 1921) 1930. 40p.

Stock sold alive, stock slaughtered, young animals raised, 1930, and pure-bred live stock on farms, 1931, by counties or census divisions. ? 5lp.

Rotaprint.

Tenure, farm values, farm facilities and mortgage debt, 1931 and farm expenses for 1930, by counties or census divisions. ?1 62p.

Rotaprint.
Issued also in French.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Tenure of farm lands by counties or census divisions ... ?1
12p.

Issued also in French.

Total number of farms, farm tenure, farm acreage, farm values, mortgage debt, farm expenses, by provinces (preliminary report) ?1 17p.

Rotaprint.

Vegetables: area in 1931 and area, production and value in 1930.

Wage earners of Canada at work and not at work on June 1, 1931; together with causes as stated by wage earners reporting as not at work (preliminary figures) 1932. 12+12p.

mimeographed.

Education Statistics Branch

Serials

Annual report on business colleges, see Annual survey of education in Canada.

Annual report on education statistics, see Annual survey of education in Canada.

Annual report on private elementary and secondary schools, see Annual survey of education in Genada.

Annual survey of education in Canada, 1921- 1921- v.l-

Title varies. Preceded by Report of Conference on Education Statistics held in Ottawa in 1920 and by the Historical statistical survey of education in Canada, 1921.

Report on playsrounds ... in Canada, see Annual survey of education.

Report on universities and colleges. 1921-[v.1-]

Issued separately and as part of the Annual survey of education in Canada.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Special Publications

Bibliography of Canadian studies in education, 1929-33, comp. by J.E. Robbins. 1933. 17p.

Rotaprint.

Historical statistical survey of education in Canada. 1921. 120p.

The report is the work of S.A. Cudmore and M.C. Maclean of the Education Statistics Franch.

Illiteracy and school attendance in Canada. A study of the census of 1921 with supplementary data, by M.C. Maclean. 1926. 147p.

Library statistics of Canada ... contents, circulation and expenditures, 1920-1921. 1923. 8p.

Mimeographed.

Continued in Annual survey of education in Canada with additional information about libraries in Ganada.

Report of Conference on Education Statistics between representatives of the dominion and provincial governments held at the Farliament Buildings, Ottawa, on Wednesday and Thursday, October 27-28, 1920. 1921. 29p.

Issued also in French.

External Trade Branch

Serials

Annual report of the trade of Canada, 1916/1917. 1917- [v.1-]

Continues Report of the Minister of Trade and Commerce, 1893-1916.

Title varies.

Issued also in French.

Condensed preliminary report on the trade of Canada, 192- 192-

Includes comparative statistics for the two preceding years.

Monthly bulletins on trade statistics: [ca.1923- v.1-]

- a. Abstract of imports, exports and duty collected by latest month, accrued period and latest 12 months
- b. Summary of Canada's imports for latest month

- c. Summary of Canada's exports for latest month
- d. Canada's imports from principal countries, by latest month and accrued period
- e. Canada's domestic exports to principal countries by latest month and accrued period

Special Bulletins

(Issued monthly)

- a. Imports and exports of asbestos
- b. Imports and exports of footwear (except rubber)
- c. Summary, exports of grain and flour
- d. Exports of lumber
- e. Imports of lumber
- f. Exports of meat and lard
- g. Imports of meat and lard
- h. Exports of milk, milk products and eggs
- i. Imports of milk, milk products and eggs
- 1. Exports of non-ferrous ores and smelter products
- k. Imports of non-ferrous ores and smelter products
- 1. Exports of paints and varnishes
- m. Imports of paints and varnishes
- n. Exports of pulp wood, wood pulp and paper
- o. Exports of rubber goods and insulated wire
- p. Imports of rubber goods
- q. Imports of vehicles of iron (automobiles, bicycles, railway cars, etc.)
- r. Exports of petroleum and its products
- s. Imports of petroleum and its products
- t. Imports of sheet metal products
- u. Exports of farm implements and machinery
- v. Imports of farm implements and machinery
- w. Imports of coffee and tea

Monthly summary of the trade of Canada (for latest month and 12 months) 1920- v.1-]

Quarterly report of the trade of Canada (imports for consumption and exports) 1894- [v.1-]

July1894-March 1895, July 1898-June 1900 as Report of the Dept. of Trade and Commerce... relative to imports and exports, revenues and other trade statistics, tariff changes, reports to commercial agents and general commercial information. Quarterly, 1895-1899; monthly 1900-1926, 1927- Quarterly.

Review of Canada's foreign trade ... 1923- [v.1-]

Trade of Canada (imports for consumption and exports) 1927[v.1-]

Continues information formerly included in Dept. of Trade and Commerce. Annual report, 1916-1924.

Issued also in French.

Special Publications

Empire tariff preferences. 1932. 37p.

Prepared for the Imperial Economic Conference, 1932.

... Sixty years of Canadian progress, 1867-1927 ... [1927] 167p.

Published in connection with the Diamond Jubilee of Confederation.

Issued also in French.

Statistical abstract of trade of the British Empire countries (Empire and foreign), 1930. 1932. 52p.

Compiled for the Imperial Economic Conference, 1932.

Summary of the trade of Canada (compiled for use of the Imperial Economic Conference, 1930) 1930. 25p.

Trade between Canada and the British West India colonies; for use at the Canada - British West India Colonies Conference, Ottawa, Canada, June, 1920. 1920. 150p.

Trade of Canada with Asia, Oceania, Alaska, Mexico and the countries of Central and South America on the Pacific Ocean ... 1932; specially compiled for use at the fifth Pacific Science Congress, Vancouver, B.C., Canada, June 1, 1933. 1933.

Trade of Canada with Asia, Oceania, Mexico and countries of Gentral and South America on the Pacific Ocean. 1922. 49p.

Compiled for use at the Pan-Pacific Commercial Conference, Honolulu, Hawaii, Oct. 25, 1922.

Trade of Canada with Australia, Fiji and New Zealand, 1923-1932, also trade of Australia, Fiji and New Zealand, 1921-1930. 1932. 54p.

Compiled for the Imperial Economic Conference, 1932.

- Trade of Canada with Australia, Fiji and New Zealand, 1929. 1930. 39p.
- Trade of Canada with British East, South and West Africa, 1921 to 1930, also principal commodities imported into British East and West Africa, the Union of South Africa and Rhodesia, 1928-29 (compiled for use of the Imperial Conference, 1930) 1930. 34p.
- Trade of Canada with British East, South and West Africa, 1923-1932, also trade of British East and West Africa, Northern and Southern Rhodesia and Union of South Africa, 1921-1930. 1932. 70p.
- Trade of Canada with British Empire countries and the United States (compiled for use of the Imperial Conference, 1930) 1930. 48p.
- Trade of Canada with British Empire countries and the United States (compiled for use of the Imperial Conference, 1932) 1932. 103p.
- ... Trade of Canada with British India, Ceylon and the Straits Settlements, 1921-1930, also principal commodities imported into British India, Ceylon and British Malaya, 1928-29. 1930. 24p.
- Trade of Canada with Pritish India, Ceylon and Straits Settlements, 1923 to 1932, also trade of British India, Ceylon and British Malaya, 1921 to 1930. 1932. 50p.
- Trade of Canada with British South, East and West Africa, Northern and Southern Rhodesia and Union of South Africa, 1921-1930. 1932. 70p.
- Trade of Canada with British West Indian colonies and Newfoundland, 1923 to 1932, also trade of British West Indian colonies and Newfoundland, 1921 to 1930. 1932. 114p.

Compiled for the Imperial Economic Conference, 1932.

Trade of Canada with Japan and China. 1931. 17p.
Mimeographed.

Finance Statistics Branch

Serials

Assessment valuations by provinces, 1924- 1926- [v.1-]

Financial statistics of provincial governments in Canada. 1921- [v.1-]

Issued also in French.

Municipal statistics. 1919- [v.1-]

Title varies. 1921, 1923-1924 never published.

Report on the bonded indebtedness of urban and rural municipalities in Canada, 1919- 1919- [v.1-]

Statistics of the Civil Service of Canada: numbers employed and expenditures on salaries by departments. 1925- [v.1-]

Special Publications

Bonded debt and treasury bills of provincial governments, 1916-1930. 1932. 7p.

Statement of civil service personnel and salaries in the month of January, 1912-1924. 1925. 34p.

Issued also in French.

Forest Products Branch

Serials

Lumber industry, 1917- 1917- [v.1-]

Title varies.
Issued also in French.

Paper using industries in Canada. 1926-1930. 5v.

Annual. Issued also in French.

Preliminary annual reports. ?1 ?1

Mimeographed reports issued annually as follows:

a. The lumber industry

 b. Lumber distribution in Canada and the United States (biennial)

c. The pulp and paper industry

d. Planing mills, sash and door factories

e. Hardwood flooring

f. Furniture

- g. Boxes, baskets and crates
- h. Carriages, wagons and materials

1. Cooperage

- j. Coffins and caskets
- k. Sporting goods
- 1. Boat building
- m. Lasts, trees and shoe findings
- n. Handles, spools and wood-turning
- o. Woodenware
- p. Excelsior
- q. Miscellaneous wood-using industries
- r. Printing and publishing
- s. Printing and book-binding

t. Lithographing

- u. Engraving, electrotyping, stereotyping and blueprinting
- v. Trade composition
- w. Stationery and envelopes
- x. Paper boxes and bags
- y. Roofing paper and wallboard
- z. Miscellaneous paper goods

Pulp and paper industry. 1917- [v.1-]

Earlier reports in Dept. of the Interior. Forestry Branch. Bulletin: 1917- issued by Dominion Bureau of Statistics and in 1917 as its Census of industry, pt. 4, section 4.

Report on asphalt roofing production. 1932- [v.1-]

Annual mimeographed report.

Report on rigid insulating board production. 1933-[v.1-]

Monthly mimeographed report.

Summary of forest production: operations in the woods in Canada. 1922- [v.1-]

Annual mimeographed report.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Wood-using industries in Canada ... 1926-1930. [5v.]

Annual Issued also in French.

General Statistics Branch

Serials

Annual review of employment in Canada. 1929- [v.1-]

Similar reports issued from 1923-but on a different basis, and not comparable to later reports.

Mimeographed annual and monthly reports.

Building permits: monthly record. 1920-[v.1-]

Mimeographed.

Building permits reports ... with comparative statements. 1929-[v.l-]

Annual and monthly mimeographed reports. Similar reports issued from 1923-but on a different basis, and not comparable to later reports.

Canada ... official handbook of present conditions and recent progress. 1930- [v.1-]

In 1930 issued as Ganada... a handbook of present conditions and recent progress ...
Issued also in French, and in 1932 in Italian.

Canada year book, 2nd series. 1906- [v.1-]

1st series published by the Dept. of Agriculture as Statistical yearbook of Canada, 1885-1904; 2nd series, issued by the Census and Statistics Office, which in 1913 became part of the Dept. of Trade and Commerce, 1905-1918. Continued 1918- by the Dominion Bureau of Statistics.

Census and statistics monthly, see Dominion Bureau of Statistics.

Agricultural Branch. <u>Monthly bulletin of agricultural statistics</u>.

Commercial failures in Canada ... 1926- [v.1-]

Annual mimeographed report, also issued monthly, 1925 to date.

Control and sale of liquor in Canada. 1930- [v.1-]

Annual mimeographed report.

Daily news bulletin. 1932- [v.1-]

Divorces granted in Canada. 1922- [v.1-]

Annual mimeographed report.

Estimates of the national wealth of Canada, by provinces, industries, etc. 1921-1929. [6v.]

Issued in 1921 and annually from 1925-1929 as mimeographed report.

Monthly review of business statistics. 1926- [v.1-]

No.1-6 mimeographed.
Issued also in French.

Outstanding facts and figures gathered from reports, statements and bulletins issued by the Dominion Bureau of Statistics.

1933- [v.l-]

A monthly mimeographed report.

Report of bank debits to individual accounts or amount of cheques passing through the bank at clearing house centres in Canada. 1924- [v.1-]

Annual and monthly mimeographed reports.

Summary of income tax receipts. 1923- [v.l-]

Annual mimeographed reports.

... Tourist trade, Canada. 1920- [v.1-]

First volume included report for years 1920-1926; issued as annual mimeographed report, 1927-

Weekly (news) bulletin. 1932- [v.1-]

Mimeographed.

Special Publications

The coming census: why it is taken; how it is taken. 1931. 6p.

The Maritime Provinces since Confederation: a statistical study of their social and economic conditions during the past sixty years. 1927. 139p.

Monthly indexes of the physical volume of business in Canada, 1919-1932. 1932. 35p.

Supplement to the Monthly review of business statistics, Mov., 1932.

Rotaprint.

Issued also in French.

Nationality, birthplace and racial origin of Canadians as recorded in the census. [ca.1928] 2p.

Mimeographed.

Report on the sixth census of Canada, 1921, by R.H. Coats. 1924.

Reprint of the Introduction to the Report of the sixth census, v.l.

Twelve years of the economic statistics of Janada by months and years, 1919-1930. 1931. 32p.

Industrial Statistics Branch

Serials

Breweries

Advance report on the manufacturing industries of Canada. [ca.1917-] [v.1-]

Annual mimeographed report.

Building and general construction industry. 1919-1920. [2v]

Manufactures of vegetable products. [ca.1918-] [v.1-]

Rotaprints or mimeographed reports issued annually in separate parts as follows:

General report
Biscuit, confectionary, cocoa and chocolate
Bread and other bakery products
Coffee, tea and spices
Flour and grist mills
Foods, Breakfast
Foods, Canned
Fruit and vegetable preparations; preliminary and final reports
Ice cream
Macaroni and kindred products
Sugar

^{1.}Items marked by ? are unknown because the publication is not available for examination.

Distilleries
Wine
Tobacco
Rubber
Linseed and soy bean industry (soy bean oil included in 1932)
Barley and its production (Issued irregularly)
Mixed feed trade in Canada (Issued irregularly)

Manufacturing industries in the Province of British Columbia (including the Yukon) [ca.1919- v.1-]

Annual rotaprints.

Manufacturing industries of Canada. 1920- lv.1-]

Manufacturing industries of Canada. Summary report. 1931- [v.1-]

Manufacturing industries of the Maritime Provinces. [ca.1919-v.1-]

Annual rotaprints.

Manufacturing industries of the Prairie Provinces. [ca.1919-v.1-]

Annual rotaprints.

Manufacturing industries of the Province of Ontario. [ca.1919-v.1-]

Annual rotaprints.

Manufacturing industries of the Province of Quebec. [ca.1919-v.1-]

Annual rotaprints.

Miscellaneous industries. {ca.1918- v.1-]

Annual rotaprints issued in separate parts as follows:

Brooms, brushes and mops Buttons Mattresses and springs Musical instruments Textile and allied industries. Annual bulletins. ?1 ?1

- a. Cotton textiles
- b. woolen textilesc. The silk industry
- d. Clothing, Men's factory
 e. Clothing, Women's factory
 f. Hats and caps

- g. Hosiery and knitted goods h. Men's furnishing 1. Oiled and water-proof
- clothing

- j. Cordage, rope and twine
- k. Corsets
- 1. Cotton and jute bags
- m. Dyeing, cleaning and laundry industry
- n. Dyeing and finishing of textiles
- o. Production and distribution of raw wool in Canada
- p. Awnings, tents and sails

Special Publications

Alphabetical list of products manufactured in Canada, 1929. 1931. 33p.

Mineographed.

Food products, beverages, rubber, tobacco and miscellaneous manufactures based on vegetable products, 1917-1927, compiled and written by A. Cohen. 1929. 218p.

Manufactures of Canada: production, imports and exports: prepared for the use of the Imperial Conference, 1930. 46p.

The manufacturing industries of Canada, 1923 ... 1926. 44p.

Reprint from the Canada year book. 1925.

Postal census of manufactures, 1916. 1917. 263p.

The quantity and manufacturing production in Canada. 1923-1929. prepared by A. Cohen. 1932. 53p.

The textile industries of Canada in the decade 1917-1926. 1929. 145p.

Continued by Textile industries of Canada 1927-1930.

Internal Trade Branch

Serials

Annual report on wholesale prices. [ca.1918- v.1-]

From 1923 on, comparative statistics with 1913 are included.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Changes in the value of retail sales. 1931- [v.1-]

Monthly mimeographed report.

Estimated balance of international payments for Canada. 1925-[v.1-]

Annual mimeographed report. Preliminary reports issued also. The first two reports cover the following years, 1925-1927; 1926-1929: others issued annually.

Financing of automobile, truck and bus sales in Canada. 1930-

Monthly mimeographed reports. Title varies.

Index numbers of import and export valuations. 1929- [v.1-]
Annual mimeographed reports.

Index numbers of wholesale prices. [ca.1928- v. 1-]

Investors' index numbers of security prices. 1926-[v.1-]

Weekly and monthly mimeographed report. Preliminary report issued in August, 1925.

Prices and price indexes ... 1918- [v.1-]

Continues Dept. of Labour. Annual report on wholesale prices, and from 1923 on, gives comparative statistics for 1913 to date.
Annual.

Prices and price indexes. 1923- | v.1-]

Monthly mimeographed reports.

Prices and price indexes. 1925-[v.1-]

Preliminary mimeographed reports.

Rates and index numbers of hospital charges, 1913-1925. 1913-1930. [18v.]

Mimeographed.

Recent price movements. 1926-1 v.1-1

Mimeographed preliminary reports; issued irregularly.

Statistics of the sale of new automotive vehicles in Canada. 1933- lv.1-]

Monthly mimeographed reports.

Weighted index numbers of 23 mining stocks. 1928. [v.1-]

Weekly and monthly mimeographed reports including stocks from 1919 to date. Number of stocks varies.

Special Publications

Branch plants, subsidiary and affiliated companies, British and foreign companies in Canada. 1931. 3p.

Mimeographed.

Canadian residential rentals, October, 1931. 1932. 8p.

Capital investments by British and foreign countries in Canada and capital investments by Canadians in other countries, 1928. 1929.

Mimeographed.

Census and merchandising and service establishments, bulletins. 1930.

Preliminary bulletins as follows:

Retail trade by cities and towns, 1930.

Alberta: Calgary. 11p. Edmonton. 11p.

Lethbridge. 5p. Medicine Hat. 5p.

British Columbia: New Westminster. 6p.

Vancouver. 11p. Victoria. 8p.

Manitoba: Brandon. 5p. St. Boniface. 4p.

Winnipeg. 13p.

New Brunswick: St. John. 7p.

Nova Scotia: Glace Bay. 4 Halifax. 8p. Sydney. 5p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Ontario: Belleville. 6p.
Brantford. 7p.
Chatham. 6p.
Cornwall. 6p.

Fort William
Galt. 6p.
Guelph. 6p.
Hamilton. 12p.
Kingston. 7p.
Witchener. 6p.

Kitchener. 6p. London. 1lp. Niagara Falls. 8p. North Bay. 5p. Oshawa. 6p.

Ottawa. 13p. Owen Sound. 6p. Cornwall. 6p. Peterborough. 8p.
Cornwall. 6p. Port Arthur. 7p.
East Windsor, St. Catherines. 9p.
Walkerville, Sandwich. 10p. St. Thomas. 6p.
Fort William. 7p. Sarnia. 8n
Galt. 6p. Sault Ste. Marie. 6p. Sault Ste. Marie. 6
Stratford. 8p.
Sudbury. 5p.
Timmins. 8p.
Toronto. 19p.
Welland. 5p.
Windsor. 10p. York County. 3p.

Prince Edward Island: Charlottetown. 5p.

Quebec: (Each report is issued also in French) Chicoutimi. op.
Granby. 6p.

Hull. 7p.

Joliette. 9p.

Levis. 7p.

Montreal (Greater) 25p.

Montreal and Jesus

Talands. 5p.

St. Jean. 1p.
Shawinigan Falls. 91
Sherbrooke. 1lp.
Sorel. 7p.
Thetford Mines. 6p.
Three Rivers. 10p.
Valleyfield. 9. Chicoutimi. 8p.

Quebec. 11p.

Saskatchewan: Moose Jaw. 6p. Regina. 10p. Saskatoon. 10p.

Retail trade by counties, cities and towns, 1930.

Alberta. 11p. British Columbia. 9p. Manitoba. 5p.
New Brunswick. 9p.
Nova Scotia. 1lp.

Ontario. 55p.
Prince Edward Island. 3p. Quebec. 59p.
Issued also in French. Saskatchewan. 9p.

St. Hyacinthe. 9p. St. Jean. 7p. Shawinigan Falls. 9p.

Retail trade by provinces, 1930

Alberta. 14p. British.Columbia. 15p.
Manitoba. 5p.
New Brunswick. 12p.
Nova Scotia. 13p. Ontario. Summary. 2p.

Ontario. Summary. 19p. Prince Edward Island. 8p. Quebec. 29p.
Issued also in French. Saskatchewan. 14p.

Wholesale trade by cities, 1931

Mimeographed reports issued as follows:

Alberta: Calgary. 2p. Edmonton. 1p.

British Columbia: Vancouver. 4p. Victoria. 2p.

New Brunswick: Moncton, N.B. and Sydney, N.S. 1p.

Nova Scotia. Halifax. 2p.

Ontario: Brantford, Guelph,
Oshawa, Peterborough, St. Catherines, Sault Ste.
Marie. 2p.
Fort William, Kingston,
Kitchener. 2p.

Quebec: Hull, Sherbrooke, Three Rivers. 4p.
Montreal. 1lp.
Quebec. 4p.

Wholsale trade by provinces, 1930.

Maritime Provinces. 6p. Ontario. 8p. Quebec. 8p.

Census of trading establishments, 1924; wholesale, retail and wholesale-retail distribution in Canada... 1928. 40p.

Chain store operations in Canada, 1930. 1933. 32p.

Rotaprints.

Coffee prices. 1925. 2p.

Mimeographed.

Distribution of sales, 1930, of the coal mines of Canada. [1930] 2p.

Rotaprint.

Domestic rates for manufactures and natural fuel gas, 1913-1919. 1930. 7p.

Drug store chains in Canada, 1930. 1934. 11p. Rotaprints.

Economic position of the Canadian Prairie Provinces in 1923. 1926. 14p.

Mimeographed.

Estimated British and foreign investments in Canada, Jan. 1st, 1929 to 1930. 1930. 3p.

Exchange. 1931. 2p.

Mimeographed.

Family budgetary expenditures by 53 Dominion Civil Service employees, May 1, 1931-April 30, 1932. 1932. 15p.

Rotaprint.

Filling-station chains in Canada, 1930-1934. [1934] 14p. Rotaprint.

Food chains in Canada, 1930. 1933. 22p.

Rotaprint.

Foreign prices and exchange rates. 1924. 21p.

Mimeographed.

Gasoline prices. 1925. 2p.

Mimeographed.

Hospital rates and maintenance costs in Canada, 1926. 1929.

Mimeographed.

Hotel reports, by provinces, 1930.

Mimeographed reports as follows:

Alberta. 3p Ontario. 19p.
British Columbia. 18p. Quebec. 18p.
Manitoba. 17p.
Maritime Provinces. 30p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Lists of new concerns locating in Canada since August, 1930.

Mimeographed.

Post-war copper prices. 1925. 2p.

Mimeographed.

Post-war lead prices. 1925. 2p.

Mimeographed.

Post-war prices of raw cotton. 1925. 2p.

Mimeographed.

Post-war rubber prices. 1925. 2p.

Mimeographed.

Post-war silver prices. [ca. 1925] 2p.

Mimeographed.

ost-war sugar prices. [ca. 1925] 2p.

Mimeographed.

ost-war tin prices. 1925. 2p.

Mimeographed.

ost-war zinc (spelter) prices. 1925. 2p.

Mimeographed.

'rice trends and general economic conditions in Germany, May 1927. 1927. 3p.

Mimeographed.

rice trends and general economic conditions in Great Britain, May 1927. 1927. 2p.

Mimeographed.

Recent international capital movements, 1924-1929; a review of the principal exports and imports of carital between leading countries during the past five years. 1930. 14p.

Mimeographed.

^{..} Items marked by ? are unknown because the publication is not vailable for examination.

Recent movements in Canadian living costs. 1931. 3p. Mimeographed.

Review of price trends and general economic and industrial conditions in France, May 1927. 1927. 1p.

Statistics of co-operative marketing and purchasing associations, 1930. 1934. 34p.

Rotaprint.

Statistics showing distribution of securities by joint stock companies engaged in industrial enterprises in Canada, agriculture excepted, as at December 31, 1921. [1922]

Mimeographed.

Street car fares and index numbers, 1913-1929. 1931. 2p. Wimeographed.

Summary of retail facts, credit and commodity sales, size of business, operating expenses. 1933-1934. 17v.]

Reports issued as follows:

Alberta. 17p. British Columbia. 18p. Manitoba. 17p.
Maritime Provinces. 30p.

Ontario. 19p. Quebec. 18p. Quebec. Saskatchewan. 17p.

3p.

?1 Survey of chain stores systems in Canada, 1929. 1930. Survey of motor vehicle transportation. 1930.

Mimeographed.

Telephone rates and index numbers in Canada, 1931. 1932. 5p. Mimeographed.

Trend of commodity prices in Canada, past and future. 1928. 2p. Mimeographed.

Variety store chains in Canada, 1930. 1934. 10p. Rotaprints.

Wholesale price movements since August, 1931. 1933. 2p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Wholesale prices, 1921. 1. Vegetable products. [n.d.] 34p.
Mimeographed.

Wool prices. 1925. 2p.

Mimeographed.

Judicial Statistics Branch

Serials

Annual report of juvenile delinquency. 1926- [v.1-]

Annual report of statistics of criminal and other offences ... 1876- [v.l-]

1876-1918 issued as Criminal statistics; 1918-1925 as Annual report on criminal statistics.

Mining, Metallurgical and Chemical Branch

Serials

Annual bulletins. [ca. 1920- v. 1-]

Mimeographed bulletins as follows:

Metals: gold, silver, nickel-copper etc. and their mining Non-ferrous smelting and refining industry

Non-metallic minerals: abrasives, asbestos, coal, feldspar, gypsum, iron oxides, mica, natural gas, petroleum, quartz, salt, talc and soapstone and miscellaneous non-metallic minerals such as, actinolite, barytes, mineral waters, phosphates, etc.

Structural materials: cement, clay and clay products, lime, sand and gravel, stone

Annual report on the mineral production of Canada ... 1906-[v.l-]

Preceded by Geological Survey. Section of Mines ... Annual report for 1886-1905; issued by the Dept. of Mines. Mines Branch, 1906-1920.

Chemical and allied products in Canada, 1919- 1925-[v.1-]

Preliminary summary bulletins as follows, 1920- :

- a. Coal tar distillation
- b. Acids, alkalis and salts
- c. Compressed gases
- d. Explosives, amunition and fireworks
- e. Fertilizers

f. Medicinal and pharmaceutical preparations

g. Paints, pigments and varnishes

h. Soaps, cleaning preparations and washing compounds

i. Toilet preparations

j. Inks

k. Adhesives

1. Polishes and dressings

n. Flavouring extracts
n. Wood distillation
o. Miscellaneous chemicals,

including baking powders, cellulose products, boiler products, insect-icides, dyes and colours, etc.

Chemicals

Commodity bulletins. 1930- [v.1-]

On sulphuric acid, ammonium sulphate, etc.

Coal statistics for Canada..., 1919- 1922- [v.1-]

continues Dept. of Mines. Mines Branch. Production of coal and coke.

Iron and steel and their products, 1920- 1920- [v.1-]

Continues Dept. of Mines. Mines Branch. Production of iron and steel.

Annual mimeographed bulletins as follows:

a. Primary iron and steel

b. Castings and forgings c. Boilers, tanks and engines

d. Agricultural implements

e. Machinery

f. Automobiles

g. Railway rolling stock

h. Wire and wire goods
i. Sheet metal products
j. Hardware and tools
k. Bridge building and

structural steel

1. Miscellaneous iron and steel products

Monthly mimeographed reports as follows:

a. Iron and steel. 1921-

b. Automobile statistics. 1926-

Iron and steel

Commodity bulletins, 1930- as follows: (Mimeographed)

Cream separators Galvanized sheets Pig iron Steel wire Stoves Warm air furnaces

Water heaters Wire fencing Wire nails Wire rope and cable

Washing machines

Manufactures of the non-ferrous metals in Canada. 1921v.1-

Annual.

Preliminary summary bulletins as follows: [ca. 1920- v.1-] (Annual mimeographed bulletins)

a. Aluminum products
b. Brass and copper products
c. Lead, tin and zinc products
f. Miscellaneous non-ferrous
metal goods

Manufactures of the non-metallic minerals in Canada, 1919-1925- Lv.1-1

Preliminary summary annual report as follows: [ca. 1920- v. 1-1 (Mimeographed)

a. Aerated waters

b. Asbestos products

c. Cement

d. Cement products

e. Coke and gas f. Glass (blown, cut and ornamental)

g. Lime

h. Petroleum products

1. Froducts from domestic clays

j. Products from imported clays

k. Salt

1. Sand, lime, brick

m. Pressed stone

n. Artificial abrasives and

abrasive products o. Miscellaneous non-metallic mineral products such as gypsum products, mica products, carbon electrodes,

Monthly report on coal and coke statistics for Canada. 1928-[v.1-]

Mimeographed.

Monthly report on coal statistics for Canala, 1919-1922. 1922. lv.

Continued by Monthly report on coal and coke statistics...

Monthly report on coke statistics for Canada, 1925. 1927. lv.

Continued by Monthly report on coal and coke statistics ...

Monthly report on leading minerals. 1931- Lv.1]

Mimeographed.

Preliminary annual report on coal statistics for Janada. ?1 ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Preliminary report of the mineral production of Canada, 1907-1908- [v.1-]

Preceded by the Geological Survey. Summary of mineral production of Canada, 1887-1906, and issued by Dept. of Mines. Mines Branch, 1907-1920.

Quarterly report on coal and coke statistics for Canada. 1922-no.1-

Quarterly report on production and sale of radio sets. 1931-

Radio, etc.

Commodity bulletins as follows: 1930- [v.1-] (Annual mimeographed bulletins)

Electric motors and generators
Electric refrigerators
Electric transformers
Incandescent electric lamps

Production of batteries
Production of silverware
Production of vacuum cleaners

Report on the coal trade of Canada ... 1919-1920. 1919-1920.

Continued as Coal statistics ...

Special Publications

Directory of ... chemical industries in Canada as of date January 1, 1919. 1919. 68p.

Prepared for the Honorary Advisory Council for Scientific and Industrial Research.

Directory of chemical industries in Canada as of date January 1, 1921. 1921. 109p.

Directory of chemical industries in Canada as of July 1, 1932. 1933. 140p.

The fertilizer trade in Canada, July 1, 1926-June 30, 1927. 1928. 9p.

Special report on the consumption of chemicals in municipal waterworks in Canada, 1931-1932. ?1

Special report on the consumption of mine and mill materials in Canada. 1923. 12p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Special report on the consumption of non-metallic minerals in Canada: an investigation to determine the extent of the market in Canada for finely ground non-metallic minerals. 1923. 30p.

Special report on the mineral production of Canada, 1930. 1931. 11p.

Prepared for the British Empire Trade Exhibition, Buenos Aires, 1931.

Special summary report on the mineral industry and the manufacturing industries related thereto. ?1 ?1

Mimeographed.

Wood distillation, 1917. 1919. 6+8p.

Transportation and Public Utilities Branch

Serials

Annual report on express statistics. 1911- [v.1-]

Prior to 1917 issued by Dept. of Railways and Canals. Mimeographed.

Annual report on motor vehicle registrations. 1922- [v.l-]

Mimeographed.

Annual report on telegraph statistics. 1912- [v.1-]

Prior to 1917 issued by Dept. of Railways and Canals. Reports for 1917 and 1918 not printed.
Formerly printed, now mimeographed.

Annual report on telephone statistics. 1911- lv.1-]

Prior to 1917 issued by the Dept. of Railways and Canals. Formerly printed, now mimeographed.

Sanadian National Railways operating revenues, expenses, etc. 1923- [v.1-]

Mimeographed.

anal statistics. 1874- [v.l-]

Prior to 1917 issued by the Dept. of Railways and Canals. Annual.

[.] Items marked by ? are unknown because the publication is not available for examination.

Canal statistics. 1921- [v.1-]

Monthly mimeographed report.

Central electric stations in Canada. 1918- lv.1-]

Prepared in collaboration with the Dept. of the Interior. Water Power and Hydrometric Bureau, the Ontario Hydro-Electric Power Commission, the Quebec Streams Commission, the New Brunswick Electric Power Commission, the Manitoba Power Commission and the Saskatchewan Power Commission. Preliminary mimeographed reports issued 1921-1931.

Issued also in French.

Changes in single track mileage operated by steam railways in Canada. 1931-1932. [2v.]

Mimeographed.

The highway and motor vehicle in Canada. 1928- [v.1-]
Continues Dept. of Railways and Canals. Highways Branch.
Report.

International bridge, tunnel and ferries. 1930- lv.1-]
Annual mimeographed report.

Location and mileage of railways of Canada. 1924-1929. L5v. Mimeographed.

Monthly bulletin on railway revenues, expenses, incomes and operating statistics. 1922- [v.1-]

Mimeographed.

Monthly report on electric energy generated. 1924- [v.1-]
From 1927 to date included in Monthly review of business statistics.

Monthly statement of railway traffic. 1921-[v.1-]
Mimeographed.

Production and use of electric energy in Canada. 1928- tv.1-]
Mimeographed.

Railway statistics. 1874- [v.1-]

From 1875-1918 issued by the Dept. of Railways and Canals; issued also in <u>Sessional papers</u>, 1876-1921.

Title varies.

Report on index numbers of electric light rates. 1913- $\lfloor v.l- \rfloor$ Mimeographed.

Statistics of electric railways of Canada. 1922- Lv.1-]

Continues Railway statistics. Text in English and French. Preliminary reports, 1920-

Statistics of steam railways of Canada ... 1876- [v. 1-]

Continues Railway Statistics. Issued by the Dept. of Public works, 1875-1878; by the Dept. of Railways and Canals, 1878-1918; by the Dominion Bureau of Statistics, 1918-Title varies.

Text in English and French.

Weekly report of car loadings of revenue freight. 1924- [v. 1-] Mimeographed.

Special Publications

Railway employees: salaries and wages: preliminary report, 1932. 1933. 5p.

Rotaprint.

Report of census of Canadian registered ships. 1918. ?1

Catalogues and Indexes

Condensed list of publications. [n.d.] 3p.

Mimeographed.

Dominion Bureau of Statistics. List of publications, including reports, bulletins, press releases, etc. issued by the Dominion Bureau of Statistics, Nov., 1933- 1934- [v.1-]

Monthly mimeographed list. Issued also in French.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Bibliography

- Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.
- Canada. Trade and Commerce, Dept. of Annual reports. Ottawa, Queen's or King's Printer, 1893- [v.1-]
- Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906- [v.l-]
- Canadian almanac ... 1934. v.p., v.p., 1856?- lv.1-]

CHAPTER XIV

PEPARTMENT OF FLIANCE. AUDITOR GENERAL'S OFFICE.
DEPARTMENT OF INCURANCE, CANADIAN FARM LOAN BOARD.
DEPARTMENT OF NATIONAL REVENUE.

Department of Finance

History and Functions

When Canada first assumed full responsibility for her own financial affairs, the officer in charge was called Inspector-General of Public Accounts, but this title was changed in 1859 to Minister of Finance, which continues to be used at the present time. A second office, that of Receiver-General, was created in 1859, but seems to have fulfilled no very important function, and was combined in 1879 with the office of Minister of Finance. The present Department of Finance was constituted in 1869¹ to supervise and control the financial affairs and public accounts of the Dominion.

rganization

The work of the Department is under the following executives:

Minister of Finance and
Receiver-General of Canada
Deputy Minister of Finance and
Secretary of the Treasury Board
Comptroller of the Treasury
Solicitor to the Treasury
Director of Estimates
Comptroller, Government
Guarantee Brench

Comptroller-General
Chief Dominion Bookkeeper
Comptroller of Currency
Comotroller of Loans and
Interest
Commissioner of Tariff
Inspector -General of Banks
Superintendent of Bankruptcy
Master, Royal Canadian Mint

These executives function as follows:

Minister of Finance and Receiver-General

This official is appointed by the Governor in Council during pleasure as the head of the Department of Finance.

^{1. 32-33} Vict., Cap. 4.

He formulates the financial policy of the government and negotiates all loans made in the public service.

Deputy Minister

The Deputy Minister has direction, under the Minister of of Finance, of all administrative functions of the Department. Comptroller of the Treasury

The Comptroller of the Treasury is appointed under the Consolidated revenue and audit act¹. All expenditure of the departments are under his direction, and all payments of government funds are made through his representatives in each of the departments. He is at present the second ranking official of the Department.

Director of Estimates

This official compiles the annual estimates for the Government. He receives them from the departments, prepares them for presentation to the Government and finally for submission to Parliament. No expenditures may be made without the approval of Parliament.

Comptroller, Government Guarantee Branch

The Comptroller is the channel of communication between the Government and certain bodies whose securities have been guaranteed by the Government. These bodies are the Canadian National Railways and affiliated companies, Harbour Commissions, Wheat Pools, Federal District Commission and the National Rattlefields Commission.

^{1. 21-22} Geo. V, Chap. 27.

Chief Dominion Bookkeeper

This official is directly in charge of the accounts of the Dominion of Canada.

Comptroller of Currency

The Comptroller of Currency is in charge of the Currency Branch which issues and redeems dominion notes and coin. This function is carried on through the offices of the Assistant Receiver-General, which are located in each of the nine provinces.

Comptroller of Loans and Interest

The routine administration of the funded debt of the Dominion is in charge of this official. All interest payable on the funded debt is paid through this branch. Loans are also issued and redeemed here.

Commissioner of Tariff

The Commissioner of Tariff is the adviser to the Minister of Finance on all affairs to do with the tariff.

Superintendent of Bankruptcy

This official is charged with the administration of the Bankruptcy act.

Treasury Board

The Board was created by the statute that created the Department of Finance. Its constitution changes from time to time, but at present it is composed of six members of the Cabinet: the Ministers of Finance, Justice, Railways and Canals, Trade and Commerce, Marine and National Revenue. The Minister of Finance is chairman and the Deputy Minister of Finance is the secretary.

^{1. 32-33} Vict., Cap. 4.

It serves as a committee of the Cabinet on all matters relating to finance.

Advisory Board on Tariff and Taxation

This Board was created in 1926, to act in an advisory capacity to the Minister of Finance on matters pertaining to the tariff, other forms of taxation and related matters. It was the function of the Board to conduct inquiries and to hear representations on all questions related to the tariff, but all transactions were carried on through the Minister of Finance, and all outside communications came to the Board by this channel, since the Board did not initiate any investigations. It was empowered to avail itself of assistance from other departments and the Minister of Finance might engage experts to assist in its investigations. During the years of its existence, 1926-1930, the Board was very active, but was dissolved in August, 1930.

Tariff Board

2

The Tariff Board was created by statute in 1931, at the request of the Minister of Finance, to make inquiries into matters related to the tariff. The Governor in Council appoints a chairman, a vice-chairman and one other member who hold office for ten years unless removed for cause, and all are elligible for reappointment. They are charged with all duties and functions formerly under the Board of Customs, which was at this time dissolved, and with the following subjects of investigation in relation to the tariff:

a. Prices and cost of raw materials

b. Cost of production in Canada

c. Labor conditions

d. Prices received by producers

e. Conditions and factors affecting cost of production

^{1.} P.C. 530, April 27, 1926-

^{2. 21-22} Geo. V, Chap. 55

Royal Canadian Mint

The first British North American provinces, and later the Dominion of Canada obtained their coins from the Royal Mint in London or from the Birmingham Mint, but in 1270 the Ottawa Mint was established under the Imperial coinage act, as a branch of the Royal Mint, and opened in 1908 as a branch of the Department of I Finance. Its operations were at first confined to the issue of British sovereigns, smaller coins for domestic circulation, small coins struck under contract for Newfoundland and Jamaica and the refining of a small amount of gold, but beginning with the needs created by the Great War, the work of refining cold has become one of the principal activities of the Mint. In 1931 this branch became by proclamation, as provided in the act, the Royal Canadian Mint, operating as a branch of the Department of Finance. Its functions are, as before, the assaying and refining of metals used and the issue of coins.

The work of the Mint is carried on by the following staff:

Master Superintendent Chief Chemist and Assayer Refinery Superintendent Assistant Chemist and Assayer Assistant Superintendent Assayers (2 in number) Supervisors (4 in number) Engraver Foreman of Mechanics
Foreman of Melting
Foreman of Coining
Foreman of Refinery
Foreman of Ac.sy Department
Foreman Electrician
Balance Electrician
Secretarial Staff

^{1. 21-22} Geo. V, Chap. 48

Publications of the Dept. of Finance

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

Canada. Finance, Dept. of

Serials

Budget speech ... 1862- Lv.1-]

In Debates of the House of Commons ... 1875- v.1- Usually issued separately also.

List of shareholders in the chartered banks of the Dominion ... 1860-1915. v.

1862-1862 published as Return from the several chartered banks. 1871 never published.

Miscellaneous statistics of Canada ... 1863-1873. 11v.

Public accounts of Canada, 1859- [v.1-]

An annual report made by the Minister of Finance on the revenue expenditures, etc. of the nation. This report was first published when Canada was a province, and was continued under the Department of Finance after Confederation.

Preceded by the report of the Standing Committee on Public

Accounts.

Title varies.

In <u>Sessional papers</u>, 1860-1924, in <u>Annual departmental reports</u>, 1925- Issued separately also.

Issued also in French, 1867-

Report of the affairs of building societies, loan and trust companies in the Dominion of Canada ... with comparative tables of the chief items for the years from 1867... 1887-1915. 129

Title varies.

Report of the chartered banks of the Dominion of Canada. 1890- [v.1-]

Published monthly.

Report of the dividends remaining unpaid and unclaimed balances in the chartered banks of Canada for five years and upward ... 1891-1915. v.

Statement made by insurance companies .- 1365-1874. [lov]

Continued in Dept. of Insurance. Report

Supplementary estimates. 1867-[v.1-]

Special Publications

The issue and redemption of currency. 1929. 8p.

- Report of the Minister of rinance on the reciprocity treaty with the United States, also, the memorial of the Chamber of Commerce of St. Paul, Minnesota and report of Congress, U.S., thereon... Quebec, Printed by F. Derbyshire and G. Desbarats, 1862. 66p.
- ... Report upon trade and trade openings in Great Britain and other countries to 31st December, 1892. 1893. 129p. (Commercial relations, Janada, no.1,
- Tariff relations between the United States and the Dominion of Canada. Correspondence respecting nebotiations. 1910. 11p.
- Tariff relations between the United States and the Dominion of Canada. Correspondence and statements 1911. 1911. 70p.
- ... Tariff relations between the United States and the Dominion of Canada... Lond., Pub. by H.M. Stationery Office, 1911.

Catalogues and Indexes

There are no general catalogues or indexes to the publications of the Dept. of Finance.

Publications of the Advisory Board on Tariff and Taxation

Canada. Advisory Board on Tariff and Taxation

Serials

Record of public sittings. Reference 1-101. 1927-1930. v.

Verbatim records of hearings of the Board on the various subjects referred to it.

Report. 1928-1929. 3v. in 2.

Report made to Minister of Finance. Issued also in French.

Special Publications

... Iron and steel classification. Suggested for discussion at public sittings beginning November 26, 1929. 1929. 6p., 7-84 numb. 1.

Catalogues and Indexes

There are no general catalogues or indexes to the publications of this board.

Bibliography

Canada. Dept. of Finance. Public accounts of Canada. Ottawa, Queen's or King's Printer, 1859- [v.1-]

Canada and its provinces... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.

Canada year book, 2nd series, 1913- Ottawa, King's Frinter, 1900- [v.1-]

Canadian almanac... 1933. v.p., v.p., 1856?- [v.1-]

Revised statutes of Canada, 1886. Ottawa, Queen's Printer, 1887.

Same, 1906. 4v.

Same, 1927. 5v.

In the early days of Canada financial accounts were

Auditor General's Office

story

annually presented to Parliament by the Inspector-General, and a committee of Parliament was also appointed to look into and report on the public accounts, but no attempts were made to audit such accounts until 18551. At this time a Board of Audit was constituted under the administration of the Inspector-General, to audit all accounts laid before it, and to report thereon to this official. This board was to consist of the Deputy Inspector-General, as chairman, the Commissioner of Customs and an Auditor appointed by the Governor-General. This last member was ineligible to sit in either House of Parliament, and thus was made politically independent. He ras to audit all accounts except in specified departments. where auditing was to be done within the department, and :11 governmental bodies were obliged by law to present accounts the Board of Audit at stated periods or when required. 'his board in turn reported to the Inspector-General. An mendment in 18642 made the Auditor chairman of the Board, dded four ex-officio members: the Deputy Receiver-General. he Deputy Postmaster-General, the Commissioner of Crown ands and the Deputy Com issioner of Public Works, and rovided that all accounts must be presented to the Auditor, ven if previously audited within the department.

^{. 18} Vict., Cap. 78.

^{!. 27} Vict, Cap. 26.

Also the auditor must determine whether public expenditures had been authorized by Parliament, and report to that body through the Minister of Financel on any unauthorized expenditures. It will be noted that the office of Auditor had increased decidedly in responsibility and importance.

At Confederation the act of 1868 reiterated the act of 1855 in essential features, though there were some minor changes, and the responsibilities of the Auditor were again increased. This act continued in force for ten years, when drastic changes were effected by the act of 18782, which superseded all other acts on the subject, and abolished the Audit Board, placing entire responsibility on the Auditor-General.

Auditor General

This official was appointed by the Governor in Council to hold office during good behavior, and was removable only on a joint resolution of Parliament.

Duties and Powers

The duties and powers of the office were in a general way as follows, though many were stated in great detail in the statute:

- a. To audit all revenues and expenditures of the government and report thereon to Parliament
- b. To see that there are no expenditures not authorized by Parliament
- c. To see that no payments are made until contracts are rulfilled

^{1.} The official formerly called Inspector-General became in 1859 the Minister of Finance.

^{2. 41} Vict., Chap. 7.

- d. To administer the Consolidated revenue act The office is granted high powers as follows:-
- a. To make regulations for the conduct of public business, subject only to the approval of the Treasury Board
- b. To summon witnesses of any station as an aid in making decisions
- c. To refuse to sanction payment of accounts, from which decision, appeal may be made only to the Treasury Board, who may sustain or overrule it.

In 1931 the Consolidated revenue and audit act was mended which gave the auditor greater power in nost-audit public accounts, but relieved him of pre-audit of spenditures, and transferred the control of the issue of a newly created office, the Controller of the Treasury. The latter is responsible to the Government power at the time, tather than directly to Parliament, at the Auditor-General had been.

ganization

At present the Office of the Auditor-General is ganized as follows:

Auditor-General
Assistant Auditor-General
Chief Supervisor of Audit
Chief Executive Assistant
Chief Auditor of Revenue and Stores

Audit Accountants (Grades 1, 2,3,4)
Principal Translator
Secretarial and Clerical Staff
Messengers

²¹⁻²² Geo. V, Chap. 27.

Publications of the Auditor-General's Office

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

Canada, Auditor-General's Office

Serials

Report of the Auditor-General ... 1878- Lv.1-]

Includes an account of all revenues and expenditures of the Government, and of the operation of the Consolidated revenue act, also a record of Treasury Board overrulings and correspondence and departmental correspondence.

Special Publications

Expenditures arising out of trouble in the North-West Territories from 1st July, 1885 to 15th March, 1886; also subsidiary statement of the Hudson's Bay Company's supplies. 1886. 60p.

Bibliography

Canada and its provinces ... v.6. Toronto, Glasgow, Brook and vo., 1914-1917. 23v.

canada. Auditor-General's Office. Report of the Auditor-General . . . Ottawa, Queen's or King's Printer, 1878- [v.1-]

Canada (Province) Legislative Assembly. Journal ... v.p., v.p., 1841-1866. 26v.

Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906- [v.l-]

Revised statutes of Canada, 1886. Ottawa, Queen's Printer, 1887. 2v.

Same. 1906. 4v.

Same. 1927. 5v.

Department of Insurance

History

Insurance in Canada was at first directly under the supervision of Parliament, which granted licenses and required reports of companies operating in Canada, but when, after Confederation, the Department of Finance was established in 1869, such duties were assigned to it, and were performed by an officer first called the Insurance Clerk, then Inspector of Insurance and finally, after 1875, Superintendent of Insurance. 1

In 1910 a Department of Insurance was constituted by statute² with the duty of entorcing all insurance laws except those having to do with marine insurance. These laws follow three main divisions: life, fire and miscellaneous insurance. In addition the Department administers the acts regulating loan and trust companies.

rganization

The Minister of Finance still administers this department, and the Superintendent of Insurance, who is Deputy Minister, makes an annual report to him. The Superintendent is appointed by the Governor in Council during pleasure, and is charged with the following duties:

^{1. 38.} Vict., Chap. 20.

^{2. 9-10} Edw., Chap. 32.

- a. The recording in detail for public inspection of all securities of each Canadian and foreign company registered
- b. Ascertaining and reporting to the Minister before granting a certificate that all legal requirements have been complied with and that, according to the statement of the company, it is able to meet its liabilities
- c. The recording of certificates of registry
- d. The personal visiting, or causing a qualified member of the staff to visit, the head of fice of every company registered in Canada and the examination of the statement and condition of the company and the reporting thereon
- e. The preparation of a detailed annual report for the minister on the affairs of each registered company
- f. The making of special visits of inspection and reporting thereon when he deems it necessary

The work of the Department is at present divided among the following officials:

Superintendent of Insurance Chief Actuary Chief Examiner Senior Actuarial Examiner Senior Examiners of Companies (2 in number) Examiners (2 in number)

Publications of the Department of Insurance

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

Canada. Insurance, Dept. of

Serials

Abstract of life insurance. 1880-1889. [2v.]

Continued in Abstract of statements of insurance companies.

Abstract of statements of fire and marine insurance. 1876-1879.

Continued in Abstract of statements of insurance companies.

Abstract of statements of insurance companies. 1886-[v.1-]

Continues two earlier series giving statements of life insurance and fire and marine insurance.

Abstract of statements of loan and trust companies. 1914- |v.1- | 1916-1919 never published.

Annual statement of loan and trust companies. 1914- | v.1-7

Bulletin. 1930- no.1-

Usually issued in cooperation with some of the fire prevention organizations of Canada.

Classification of fire insurance risks. 1926- [v.1-]

List of insurance companies licensed to do business in Canada under the insurance act ... 1868- [v.1-]

List of securities held by insurance, loan and trust companies in Canada ... with valuation thereof allowed by the Dept. of Insurance. 1915- [v.1-]

Preliminary statements of the business of life insurance companies in Canada ... 1887-1898. 112v.

1887-1893 called Preliminary abstract.

Report of the Superintendent of Insurance. 1875- [v.1-]

Continues report on insurance formerly included in the report of the Dept. of Finance.
Issued in 2 volumes:

v.1 Insurance companies other than life v.2. Life insurance companies

Title varies

Issued also in French

Report without the statement of insurance companies, 1875-[v.1-]

Statement of Civil Service insurance. 1893-1912. [20v.]

Later reports not printed.

Statistical report of fire losses in Canada. 1929- | v.1-]

Title varies.

Special Publications

Tables of values correct to the nearest sixth decimal of bonds for \$100 yielding 5 per cent to 8 per cent payable half-yearly .. 1922. 125p.

Catalogues and Indexes

There are no catalogues or indexes to the publications of the Dept. of Insurance.

Bibliography

Canada. Insurance, Dept. of Report of the Superintendent of Insurance. Ottawa, Queen's or King's Printer, 1875-[v.l-]

Canada yearbook, 2nd series, 1932. Ottawa, King's Printer, 1906-

Canadian almanac ... 1933. v.p., v.p., 1856?-[v.1-]

Canadian Farm Loan Board

The Canadian Farm Loan Board was established in 1927, to inaugurate a system of long term mortgage credit for farmers. An appropriation was made to the Board as initial capital, and they were empowered to sell the real estate acquired through mortgages. From these funds long-term mortgages are granted to farmers at the discretion of the Board, the loans being made directly to individuals or through cooperative associations, as seems most expedient at the time. All transactions as to loans, interest and sale of real estate are carefully safeguarded by law.

The Board is administered by the Minister of Finance as Chairman, with four additional members appointed by the Governor in Council, one of whom is designated Canadian Farm Loan Commissioner, who holds office for any period that is deemed fitting. The other two members were first appointed for three and six years, respectively, but after the first term hold office for six years. At present the Board consists of the Minister of Finance as chairman, Commissioner of Farm Loans, two associate members and a Secretary-Treasurer. Branch offices are located in Victoria, B.C.; Edmonton, Alta.; Winnipeg, Man.; Quebec, Que.; St. John, N.B.; and Halifax, N.S.

Publications of the Canadian Farm Loan Board

Canadian Farm Loan Board ...Report... 1928- [v.1-]

Issued separately only.

^{1. 17} Geo. V, Chap. 4.

Bibliography

Canada year book, 2nd series, 1927-1928. Ottawa, King's Printer, 1906- [v.1-]

Canadian almanac ... 1933. v.p., v.p., 1856?- [v.l-]

Statutes of Canada, 1926-1927. Ottawa, King's Printer, 1927. vp

Department of National Revenue*

The collection of revenues was, in the early period of Canadian national life, left to such officers as the Governor-General might deem it necessary to appoint, but after Confederation the Departments of Customs and Inland Revenue were established for this purpose. The present Department of National Revenue is an amalgamation of these departments, so in order to give a proper background for the understanding of its publications, it is necessary first to give a brief consideration to the history and functions of the two original departments.

Dept. of Customs

The Department of Customs was constituted by statuted in 1868, and charged with the collection of all duties and customs and tolls on public canals, and with all matters incident to these duties. The act provided for the appointment of a Minister of Customs to preside over the Department and for a Commissioner and Assistant Commissioner of Customs, all to be appointed during pleasure. It further provided for a Board of Examiners, appointed by the Governor-General, to examine all candidates for service within the Department, to classify them according to the results and to grant certificates accordingly. The Minister was required to report annually to Parliament on the work of the Department.

By an act passed in 1887, and put into force in 1892, the portfolio of Customs was abolished, the office of Controller of customs created, and that officer made resonable to the

^{1. 31} Vict., Cap. 43.

^{*} This report was not revised by the Department, as it was impossible for them to give us this cooperation. The authorities are included in the bibliography.

Minister of Trade and Commerce, so that the Controller, though, a member of the Ministry was not of the Cabinet. In 1897 the office or Minister of Customs was reestablished, and the Controller of Customs became the Minister. In 1918 the Departments of Customs and Inland Revenue were united under one Minister. the Minister of Customs and Inland Revenue. In 1921 the name of the department was changed to Department of Customs and Excise and again in 1927 was changed to the Department of National With each change of name there was a corresponding change in organization and in minor functions, but the major functions have remained unchanged.

Board of Customs

In 1908 a Board of Customs was created to interpret difficult points in connection with the tariff and to hear and decide appeals from the decisions of collectors and appraisers, and is the only authority that may set aside duties payable by law. Its organization and number of members have varied from time to time, the only constant element being that the Commissioner of Customs has always been the ex officio chairman of the Board.

Dept. of Inland Revenue

This department was constituted by statute in 1868 and was charged with the following duties:

a. The collection of all duties of exciseb. The collection of internal taxesc. The collection of stamp duties and the preparation and issue of all stamps and stamped paper except postage stamps.

^{1. 31} Vict., Cap. 49.

a. The administration of laws affecting the culling and measurement of timber, masts, spars, deals, staves and other articles of like nature, and the collection of slidage and boomage dues.

e. The control and management of weights and measures

f. The collection of ferry tolls and rents

The act provided for the appointment of a Minister, a Commissioner and Assistant Commissioner and such other officers and assistants as should be necessary to carry on the duties outlined by the act.

As in the case of the Department of Customs, the portfolio of Inland Revenue was abolished in 1892, and the direction of this work assigned to a Controller of Inland Revenue under the Department of Trade and Commerce, but was revived again in 1897 and continued until 1918, when it became part of the Department of Customs and Inland Revenue until 1921, when these duties came under the Department of Customs and Excise. The present department fulfilling these functions is the Department of National Revenue constituted in 1927. With each change in organization, the functions have altered to some extent, but the main functions have remained the same.

pt. of National Revenue

This department was constituted in 1927 to take over the duties connected with customs, internal revenue and all matters connected therewith, including income tax, which had been transferred, in 1924, from the Finance Department to the Department of Customs and Excise. The administration of part IV of the Special war revenue act, 1915 was also assigned to this departnent.

^{1. 17} Geo. V, Chap. 34.

The statute provided for the appointment by the Governor in Council, of a minister, Commissioner of Customs, an Assistant Commissioner of Customs, Commissioner of Excise and a Commissioner of Income Tax, to hold office during pleasure. The Commissioners were all given the status of Deputy Minister, and the minister was empowered to appoint such temporary officers as should be necessary from time to time. The Board of Customs continued to function in relation to the Customs Division of the newly organized department.

Organization

At present the Department is organized as follows:

Minister
rrivate Secretary to the
Minister

Customs - Excise Division

Commissioner of Justoms Commissioner of Excise Assistant Commissioner or Customs General Executive Assistant Representative or the Treasury Assistant Dominion Customs Appraisers Chief Excise Tax Auditor Registrar of Correspondence Departmental Soligitors Examiner or Publications and Director of Publicity Chief Inspector of Customs and Excise Dominion Inspector of Excise Superintendent of Excise Tax Collections Head Translator Clerical Staff Each Division has a Chief ulerk

Board of Customs

Chairman Secretary Members (three in number)

Customs and Excise Inspectors Customs and Excise Collectors

Income Tax Division

Commissioner of Income Tax Solicitor
Chief Inspector of Income Tax Inspector of Income Tax Inspectors of Income Tax
These officials are located in various parts of the Dominion.

'ublications of the Dept. of Customs

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

For publications 1918-1920, see Dept. of Customs and inland

Revenue; 1921-1926, see Dept. of Justoms and Excise; 1927-Dept. of National Revenue.

Canada. Customs, Dept. of

Serials

Report ... 1910-1918. 9v. 1

Issued in Sessional papers, 1910-1918. Includes Trade and navigation tables.
Continued as Dept. of Castoms and Inland Revenue. Report.

Shipping report, see Dept. of National Revenue.

Tables of the trade and navigation of the Dominion of Canada, see Dept. of Customs and Excise. Trade report.

Unrevised monthly statements of imports entered for consumption and exports of the Dominion of Canada ..., see Dept. of Customs and Excise.

Special Publications

Analytical index to customs tariff of the Dominion of Canada as in force on 1st July, 1893. Together with an addendum ... comp. under the direction of ... Thomas J. Watters... 1893. 283p.

Correspondence between the government and Mr. T.C. Dupont, or any other parties, with reference to his inspection of the customs stations between Victoria and Kootenay in 1876, with his instructions and report ... 1877. 40p.

Customs, Canada. List of ports, outports and preventive stations. 1890. 25p.

Customs tariff as in force on and after March 28, 1890 ... published by the Customs Department for the information and use of collectors and other officers of Customs. 1890. 93+11+20p.

- ... Memorandum ... 1906. 65+36p.
- ... Memorandum ... 1907. 21
- ... Memorandum ... rrench treaty of 1907, with amendment. [1907] ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

- ... Memorandum. Department of Customs, Canada ... Customs war revenue act, 1915. 8p.
- ... Memorandum ... War measures-prohibited exports. Consolidated orders-in-council. 1915. ?1

Publications of the Dept. of Inland Revenue

Note: For publications from 1918-1920, see Dept. of Customs and Inland Revenue; from 1921-1926, see Dept. of Customs and Excise; from 1927-see Dept. of National Revenue.

Canada. Inland Revenue. Dept. of

Serials

Adulteration of food ... 1875-1918. v.

1876-1888 issued as a supplement to the report of the Dept. of Inland Revenue; 1889-1892, 1894-1918 as part of the Report, returns and statistics of the inland revenues.

Report of the Commissioner of Inland Revenue, on the inspection of weights, measures and gas. 1873-1875.

Continued as part of the publication, Report, returns and statistics of the inland revenues of the Dominion of Canada, 1876-1918. 1918- published by the Dept. of Trade and Commerce.

Report, returns and statistics of the inland revenues of the Dominion of Canada. 1869-1918. v.

In Sessional papers 1891-1919 and usually issued separately also.

Supplements were issued as follows:

1874, Canal statistics, Examination of officers employed in the outside service of the Department.

1875, Canal statistics. 1876-1888, Canal statistics, Report on weights and measures, Report on adulteration of food. 1889-1890 Report on inspection of weights, measures and gas;

Adulteration of food.

1891-1918 issued in three parts: Excise; Inspection of weights, measures and gas (in 1896 electric light was added); Adulteration of food.

Issued also in French.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Statement of spirits, malt liquor, malt, tobacco, cijars and snuff, petroleum, manufuctures in bond, the materials used [and] the manufactures therefrom, the revenue derived thereon; also the revenue derived from bill stamps, 1803-1869.

Food and Drug Laboratory.

Bulletin ... 1387-1918. no.1-414.

Continued by Dept. of Trade and Commerce, 1918-1919 and by the Health Dept. 1919-No. 389 never published.

Special Publications

- ... Gas and electric light and inspection acts, departmental regulations and instructions to inspectors ... 1099. [yop.]
- ... General notes re war tax stamp duty. Amended 1, 11, 17. 1927. 9p.

<u>Publications of the</u> <u>Dept. of Customs and Inland Revenue</u>

Canada. Customs and Inland Revenue, Dept. of

Serials

Report ... 1920-1921. [3v.]

In <u>Sessional papers</u> and usually issue: separately also. Continues the separate reports of the departments of Customs and Inland revenue.

Shipping report ... see, Dept. of National Revenue.

Publications of the Dept. of Customs and Excise

Canada. Customs and Excise, Dept. of

Serials

Report ... 1922-1926. 5v.]

In Sessional papers and usually issued separately also. Continued by the Dept. of National Revenue.

Shipping report ... see, Dept. of National Revenue.

Trade report. 1850-1918. v.

of Canada; 1867-1908 as Tables of trade and navigation of the rrovince of Canada; 1867-1908 as Tables of trade and navigation, by the Dept. of Finance; 1909-1916 as part of the Dept. of Customs. Report. Continued in Dept. of National Revenue. Report. Usually issued also in French.

Unrevised monthly statements of imports entered for consumption and exports of the Dominion of Canada... 1900-1918. v.

Continuation of series by this title published by the Dept. of Customs. 1918- merged with Dominion Bureau of Statistics. Monthly report of the trade of Canada.

Publications of the Dept. of National Revenue

Note: For titles that ceased publication before 1918, see Dept. of Customs and Dept. of Inland Revenue.

Canada. National Revenue, Dept. of

Serials

Memorandum, 1922- no.1-

National revenue review. 1927- [v.1-]

Includes news of the Department in regard to customs, income tax, etc. and some statistical matter.
Issued monthly in French and English.

1927- [v.1-] Report ...

In three parts: 1. Tables and statements in regard to customs, imports and exports. 2. Tables and statements in regard to excise. 3. Tables in regard to income tax.

Preceded by: Tables in regard to income tax.

Preceded by: Tables of the trade and navigation of the Province of Canada, 1850-1867; Tables of the trade and navigation of the Dominion of Canada, ..., 1867-1908; Report of the Dept. of Customs, 1908-1916; Trade report of the Dept. of Customs, 1916-1918; Report of the Dept. of Customs and Internal Revenue, 1918-1920; Report of the Dept. of Customs and Excise, 1921-1926.

In Annual departmental; reports, 1927-, and usually issued separately also.

separately also.

Shipping report... 1916- no.1-

1916-1917 issued by the Dept. of Customs.

Special Publications

••• Reglements administratifs concernant les distilleries et leurs produits. Etablis en vertu de l'Arêté en Conseil du 13 mars 1929. 1929. 24p.

Regulations. Department of National Revenue. Excise Division...

Issued also in French.

Catalogues and Indexes

There are no catalogues or indexes to the publications of the Dept. of National Revenue.

Bibliography

Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.

Canada. Dept. of National Revenue. Report, 1927- 1928- (v.1-)

Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906- [v.l-]

Canadian almanac... 1933. v.p., v.p., 1856?- [v.1-]

List of the serial publications of foreign governments, 1815-1931. Edited by Winifred Gregory, N.Y., H.W. Wilson Co., 1932. 720p.

Statutes of Canada, 1869. Ottawa, Queen's Printer, 1869.

Same. 1918. v.p.

Same. 1921. v.p.

Same. 1927. v.p.

CHAPTER XV

DEPARTMENT OF MARINE, DEPARTMENT OF FISHERIES

Department of Marine

History

Prior to Confederation Parliament dealt directly with marine affairs, as there was no governmental body charged with this responsibility, though in 1835, when the Board of Public Works was constituted, it took charge of lighthouses. The Department of Marine and Fisheries was constituted in 1868, to administer all laws relating to marine affairs and those in regard to the regulation and protection of fisheries. It continued to exercise these functions until 1884, when the two branches of the work were organized under separate departments, the Department of Marine and the Department of Fisheries. In 18923 they were reunited, and again called the Department of Marine and Fisheries. In 1914 the supervision of fisheries was assigned to the newly organized Department of Naval Service, but the name of the Department of Marine and Fisheries remained unchanged, and in 1920 fisheries again became the responsibility of this department. In 1927 the work was divided between two distinct branches, the Marine Branch and the Fisheries Branch, and in 1930, the Marine Branch became the Department of Marine and the Fisheries Branch, the Department of Fisheries.

Functions

The functions of the Department have been many and varied, the variation being due in most cases, to growth in respons-

^{1. 31} Vict., Cap. 51. 2. 47 Vict., Chap. 18. 3. 55-56 Vict., Chap. 17. 4. 20-21 Geo. V, Chap. 31.

ibilities or to changes in governmental organization. In

1868 the matters assigned for administration were as follows:

- a. Sea coast and inland fisheries a not he management, regulation and protection thereof, and anything relating thereto
- b. Trinity Houses and Trinity Boards, pilots and pilotage and decayed pilots' funds
- c. Beacons, buoys, lights, lighthouses and their maintenance
- d. Harbours, ports, piers and wharves, steamers and vessels belonging to the Government of Canada, except gunboats or other vessels of war
- e. Harbour Commissioners and Harbour Masters
- f. Classification of vessels and examination and granting of certificates to masters and mates and others in the merchant service
- g. Shipping Masters and Shipping Officers
- h. Inspection of steamboats and Boards of Steamboat Inspection
- 1. Enquiries into causes of shipwrecks
- j. Establishment, regulation and maintenance of marine and seamen's hospitals, and care of aged and distressed seamen, and generally such matters as refer to the marine and navigation of Canada

In the reorganization of loy2 the duties assigned were increased and included the following:

- a. Pilots and pilotage and decayed pilots' funds
- b. The construction and maintenance of lighthouses, lightships, fog-alarms, buoys and beacons
- c. Port and harbours, Harbour Commissioners and Harbour Wasters
- d. Piers, wharves and breakwaters, and the collection of tolls in connection therewith, and the minor repairs on such properties
- e. Steamships and vessels belonging to the Government of Canada engaged in connection with services administered by the Minister of Marine and Fisheries

- f. Sick and distressed seamen, and the establishment, regulation and maintenance of marine and seamen's hospitals
- g. River and Harbour Police
- h. Humane establishments
- i. Life-boat service and rewards for life saving
- j. Inquiries into causes of shipwrecks and casualties and the collection of wreck statistics
- k. Inspection of steamboats and examination of engineers and inquiry into accidents to steamers and the conduct of engineers
- 1. Examination of Masters and Mates
- m. Registration and measurement of shipping and preparation of returns of registered shipping in Canada
- n. Meteorological and magnetic services
- o. Tidal observations on the coasts of Canada
- p. Climatology of Canada
- q. Inspection of vessels carrying live stock from Canada to Europe
- r. Shipping of seamen, Shipping Wasters and Shipping Offices
- 8. Winter communication between Prince Edward Island and the mainland by steamer and iceboats
- t. Hydrographic surveys
- u. Administration of deck-load law and the subject of deck and load lines
- v. Removal of wrecks and other obstructions in navigable waters
- w. Any other duties that may be assigned by the Governor in Council, and generally all such matter as relate to the marine and fisheries of Canada

Changes in functions have occurred in later years as follows:

1910, the following services were removed to the Department of Naval Service: Hydrographic Survey, Tidal and Current Survey, and Wireless Telegraph Service

- 1914, Life Boat Service and Life Saving Rewards and Fisheries were removed to the Department of Naval Service
- 1919, the Sick Mariners Service was transferred to the Department of Pensions and National Health
- 1920, the Fisheries Service and Life Boat Service and Rewards were returned to the Department of Marine and Fisheries
- 1922, the National defence act added to the Department, the patrol of northern waters, and returned to it the following services: Hydrographic Survey, Tidal and Current Survey and Radio Telegraph Service
- 1930, The Marine Branch of the Department became the Department of Marine, and was assigned the administration of the following services:
 - a. Dominion steamers and ice breakers
 - b. Services related to navigation and shipping
 - c. Relief of distressed seamen
 - d. Wrecking plants
 - e. Life Saving Service, including rewards for life-saving
 - f. Hydrographic, tidal and current surveys
 - g. Improvement of the kiver St. Lawrence Ship Channel
 - h. Construction, maintenance and supervision of aids to navigation
 - 1. Marine Signal Service
 - 1. Icebreaking
 - k. Meteorological Service
 - 1. Maintenance and repair of wharves
 - m. Harbour Commissioners

Organization

At present the Department of Marine is organized as follows:

Minister
Deputy Minister
Assistant Deputy Minister
General Executive Assistant
Representative of the Treasury
Furchasing Agent

Agencies of the Department Victoria, Prince Rupert, Montreal, Quebec, St. John, Halifax, Charlottetown, Parry Sound

^{1. 12-13} Geo. V, Chap. 34.

Sub-Agencies Fort William, Ont. and Kenora, Ont.

District Engineers
Parry Sound, Quebec, St. John,
Halifax, Charlottetown

Superintendents of Lights Victoria, Prince Rupert, Montreal, Quebec, St. John, Halifax, Charlottetown

Boards, etc. Supervised by the Department

Board of Steamship Inspection
Lighthouse Board of Janada
Aids to Navigation, Maintenance
and Repairs Branch
Aids to Navigation, Construction
and Frotection of Navigable
Waters
Radiotelegraph Service

Radiotelegraph Service
Registration of Shipping
Pilotage Service
Hydrographic and Tidal and
Current Service
Marine Superintendent

Dominion Wreck Commission
Public Wharves Administration
Harbour Supervision
Masters and Seamen
Meteorological Service of Canada
River St. Lawrence Ship Channel;
Deepening, Icebreaking, Ice
Patrol
Marine Signal Service
Shipyard at Sorel
Naval Architect
Dominion Lighthouse Depot at
Prescott

Publications of the Department of Marine

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

1868-1884 issued by Dept. of Marine and Fisheries; 1885-1891, by the Dept. of Marine; 1892-1930, by the Dept. of Marine and Fisheries; 1930-, by Dept. of Marine.

Marine, Dept. of

Serials

Annual report, 1867- 1868- [v.1-]

In Sessional papers 1869-1924; in Annual departmental reports, 1925-; issued separately also.

Coasts, rivers and lakes. 1874-1875. v.

Issued as supplement 1 to Dept. of Marine. Annual report.

Harbour Commissioners

Belleville Harbour. Report of commissioners, 1891-

In Dept. of Marine. Annual report 1891- or issued as appendix to Annual report.

Issued also in French.

Chicoutimi Harbour. Report of commissioners, 1927-

In Dept. of Marine. Annual report, 1928-Issued also in French.

Halifax Harbour. Report of commissioners, 1908-

In Dept. of Marine. Annual report, 1908-

Hamilton Harbour. Report of commissioners, 1926- 1927-

In Dept. of Marine. Annual report, 1927-

Montreal Harbour. keport of commissioners, 1871-1897, 1908-

In Dept. of Marine. Annual report; 1871-1873 as appendix to report; 1874-1897 as supplement to appendix; 1898-1907 as supplement to Annual report; 1908- in Annual report.

Issued also in French.

New Westminister Harbour. Report of commissioners, 1922-1923-

In Dept. of Marine. Annual report, 1923-

North Sydney, Port of. Report of commissioners, 1880-

In Dept. of Marine. Annual report: Supplement to appendix, 1880-1897, in annual report, 1898-

Pictou Harbour. Report of commissioners, 1873-1921. 1873-

Issued as Jept. of Marine. Annual report. Appendix; 1873-1897; in <u>keport</u>, 1898-1921, when Harbour Commission ceased to exist.

Quebec Harbour. Report of commissioners, 1872- 1872-

In Dept. of Marine. Annual report. Appendix 1872-1907; in Annual report, 1908-Issued also in French.

St. John, N.B. Harbour. Report of commissioners, 1908-

In Dept. of Marine. Annual report, 1908-

Three Rivers Harbour. Report of commissioners, 1883-1897; 1909-

In Dept. of Marine. Annual report. Appendix, 1883-1897; in Report, 1909Issued also in French.

Toronto Harbour. Report of commissioners, 1874-

In Dept. or Marine. Annual report. Appendix, 1874-1907; in Annual report, 1908-

Vancouver Harbour. Report of commissioners, 1908-

In Dept. or Marine. Annual report, 1908-

Victoria Harbour. Report of commissioners, 1908-

In Dept. of Marine, Annual report, 1908-

List of lights, rog-signals and radio aids to navigation. 1870-1911. [27]

annually, 1875-1911; continued by List of lights ... by districts.

List of lights, fog-signals and radio aids to navigation on the Atlantic coast including the Gulf of St. Lawrence to the head of ocean navigation. 1912- [v.1-]

List of lights, fog-signals and radio aids to navigation on the inland waters (west of Montreal and east of British Columbia)

List of lights, rog-signals and radio aids to navigation on the Pacific coast and the rivers and lakes of British Columbia.

1912- [v.l-]

List of shipping, 1873- [v.1-]

Issued as supplement to bept. of Marine. Annual report. Sometimes called List of vessels on the registry books.

List of vessels on the registry books; see List or shipping.

Actice to mariners, ca. 1876- [ca.1876- v.1-]

Issued very frequently and at irregular intervals. Notes changes in aids to navigation, etc

Report of sick and distressed mariners fund. 1868-1872. v. Later reports prepared but not printed.

Report of Trinity House, Montreal, 1869-1872.

Issued as Dept. of marine. Annual report. Appendix, 1870-1873.

Report of Trinity House, Quebec, 1869-1875.

Issued as appendix to Dept. of Marine and Fisheries. Annual report, 1870-1876.

Reports of Hudson Bay expedition, 1868-1918.

in Dept. of Marine. Annual report 1800-1912. Continued by Naval Service Dept., 1913-1918.

Reports of the Georgian Bay Survey, 1867-1933.

In Dept. of Marine. Annual report. Appendix, 1868-1933.

River St. Lawrence Ship Channel. Report, 1905-

In Dept. of Marine. Annual report, 1905-

Sorel Shipyard. Report. 1905-

In Dept. of Marine. Annual report. 1905-

Special Publications

An act respecting navigation of Canadian waters (1886) as amended by order-in-council, 9th. February 1897, containing regulations for preventing collisions and for distress signals. 1897. 13p.

By-laws of the Pilotage District of British Columbia... 1919.

Same, 7th Aug., 1929. 1929. 22p.

Same, 3rd Oct., 1929. 1929. 25p.

Same. 30th Oct., 1929. 1929. 25p.

Same. 28th June, 1933. 1933. 31p.

Same. 26th Aug., 1933. 1933. 31p.

By-laws of the Pilotage District of Halifax, N.S. ... 1930. 22p.

By-laws of the Pilotage District of Montreal, Que. ... 1908. 20p.

Same. 1911. 19p.

Same. 1915. 21p.

Same. 1927. 43p.

By-laws of the Pilotage District of Quebec ... 1915. 14p.

Same. 1928. 20p.

Same. 1934. 20p.

By-laws of the Pilotage District of St. John ... 1926. 20p.

By-laws of the Pilotage District of Sydney, N.S. ... 1923.

Canada, her natural resources, navigation, principal steamer lines and transcontinental railways. 1912. 546p.

Canada, standard buoys and beacons. ?1 ?1

Includes diagrams, spar buoys; cast iron ball buoy weights; ring weights; buoy anchors, concrete buoy anchors, granite rough dressed.

Canadian port and harbour directory, 1923 ... 1923. 339p.

Same. (sea-going) 1913. 76p.

Same. (coasting and inland) 1915. 61p.

Same. (French ed.) 1917. 58p.

Same. (sea-going) 1919. 75p.

Same. (coasting and inland) 1920. 64p.

Same. (coasting and inland) 1924. 24p.

Same. (French ed.) 1924. 36p.

Same. (sea-going) 1926. 71p.

Same. (sea-going) 1927. 79p.

Same. (reprint) 1932. 71p.

Same. (coasting and inland) 1932. 24p.

Chance incandescent petroleum vapour burners, 35 M. 55M. 85M. 1913. ?1

Reprint from the English publication by Chance Bros. Instructions for working.

In English and French.

Chart of Red River from Winnipeg to the mouth, with soundings in the critical stretches. [ca.1912.] ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Descriptive specification of a proposed steel single screw bucket dredge for the Canadian Government. 1911. 47p.

Diamond incandescent petroleum vapour burners, 25M, 35M, 55M, 85M. 1912. 22p.

Dominion of Canada national ports survey report, 1931-1932, by Sir Alexander Gibbs. 1932. 180p.

Fisheries Patrol Service. Marine Service Hydrographic survey of Canada

St. Lawrence Ship Channel,
Being a list of ships officers with their rank and the dimensions of Dominion Government steamers. [1910] ?

Formal investigation into the loss of the "Bright Fan" (in Hudson Strait) 1932. 6p.

History of the Department of marine and risheries, what the Dominion Government has done to foster the marine and fisheries interests in the past, and what is at present being done by the Department in the way of channel improvements, aids to navigation and protection, by Japt. Ernest Chambers. 1905. 198p.

Hull machinery and specification of a proposed steel twin screw. lighthouse tender and buoy steamer for the Canadian Government to be named. 1910. 126p. ment to be named.

Instructions relating to the measurement of ships for the guidance of Measuring Surveyors in Canada under Merchant shipping act, 1894. 1904. 54p.

Instructions to Measuring Surveyor of Shipping in Canada. 1876. 44p.

21 Same. 1885.

Same. 1904. ?1

Same. 1913. 71

International Conference on Safety of Life at Sea. 1929. 10p.

International Conference on Safety of Life at Sea, 1929. 1929. 100p.

In English and French.

Launching of "J.E. Hazen", 15th May, 1916. [1916] ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

- Liabilities of carriers by water. Carriage of goods by sea act, 1924 compared with existing Canadian law, by H.E.A. Hawken. 1925. 28p.
- List of buoys, beacons and day marks and other aids to navigation of the Dominion of Canada on the Ottawa River, including Lake St. Louis, Lake of Two Mountains and Lake Timiskaming, corrected to 3 Jan. 1916. 1916. 50p.
- List of buoys, beacons and day marks and other aids to navigation on Pacific Coast. ?1 ?1

Same, 3rd ed. 1914. 77p.

Same, 4th ed. 1916. 88p.

Same, 6th ed. 1919. 86p.

Note: 1st, 2nd and 5th editions, not available for examination.

- List of buoys, beacons and day marks of the Dominion of Canada on Lake Huron and waters connected with it. 1910. 63p.
- "Loadline convention between Canada and the United States." Signed at Washington, 9th November, 1933. 1933. ?1
- Memorandum and correspondence between the Canadian and Imperial Governments on the subject of Canadian load line legislation. 1922. 62p.

Type-written ms.

- Memo regarding Masters and crew space and marking of deducted space on Canadian registered vessels. 1918. 7p.
- Memorandum respecting applications for water lots in public harbours. 1930. lp.

In English and French.

- Memorandum submitted on behalf of the Department of Marine and Fisheries respecting certain subjects on the agenda for the Imperial Conference, 1926, that is to say Merchant shipping, Imperial Shipping Committee, maritime law conventions, wireless communications. 1926. 12p.
- Notice to candidates respecting examination for masters and mates. 1915. Card.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

- Order-in-council 12th July, 1928, establishing rules and regulations for the licensing and operation of small boats in certain harbours under Sec. 7, Chap. 50, R.S.C. 1927, being the Government harbours and port act. [1925] lp.
- Port directory of principal Canadian ports and harbours... 1909. 212p.
- Port directory of principal Canadian ports and harbours and a large number of minor ports... 1913-1914. 304p.
- ... Providing for the maintenance of lights to mark the channels to be used under fixed bridge spar over navigable waters as aids to navigation. [1917] ?1
- Register of the officers and vessels belonging to Marine Service of Canada, hydrographic surveys and vessels employed in the St. Lawrence Ship Channel., 1908. ?1
- Regulations, see Rules and Regulations.
- Report and evidence of the Commission of Inquiry into the loss of the British steamship, Empress of Ireland (O. no. 123972) through collison with the Norwegian steamer, "Storsted", Quebec, June, 1914. 1914. 615p.
- Report of Commission of Inquiry into the casualty to the British steamship, "Empress of Ireland", which sank after collison with the Norwegian steamer, "Storsted", in the River St. Lawrence on May 29th, 1914. 1914. 30p.
- Report of Hudson Strait expedition to 31 December, 1927, with charts and illustrations by N.B. McLean. 1928. 76p.

Interim report.

Report of Royal Commission on conditions in the Pilotage Districts of Vancouver, Victoria, Nanaimo and New Westminster, 1919. 130.

Issued also as Sessional paper, 105, 1919.

Report of the Commission appointe to inquire into the matter of Second Narrows Bridge, Burrard Inlet, B.C., L.E. Coté, Chairman, 1931. 13p.

Extract from the Canada gazette, July 9, 1910.

Report of the Conference on the Operation of Dominion Legislation and Merchant Shipping Legislation, 1929. 1930. 55p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Report of the expedition to Hudson Bay and Cumberland Gulf in the steamship "Diana" under command of William Wakeham, 1897, with maps. 1898. 83p.

Issued also in French. Separate from Dept. of Marine. Annual report, 1897

Report of the Royal Commission appointed pursuant to part II of the Inquiries act (chap. 99, R.S.C., 1927) ... to inquire into pilotage in British Columbia waters. 1929. 10p.

Date of statute erroneously printed as 1927 instead of 1928.

- Report of the Royal Commission appointed to inquire and report upon the law respecting pilotage and its administration in the Pilotage Districts of Montreal and Quebec and what changes, if any, are desirable therein. 1913. 27p.
- Report of the Royal Commission appointed to inquire and report upon the Pilotage System and its administration at the Port of Halifax, and recommend what changes, if any, are desirable therein. 1918. 16p.
- Report of the Royal Commission on conditions in the Pilotage District of Miramichi, Sydney, Louisbourg, Halifax, Saint John, Montreal and Quebec. 1919. 27p.

Issued also as Sessional paper 104, 1919.

- Report of the second Hudson's Bay Exhibition under command of Lieut. A.R. Gordon, R.N., 1885. 1885. 112p.
- Report on British and continental ports with a view to the development of the Port of Hontreal and Canadian transportation by Geo. W. Stephens and Frederick W. Cowie. 1908. 95p.
- Report on the ice formation in the St. Lawrence River and a report on the influence of icebergs on the temperature of the sea, as shown by the use of the micro-thermometer in a trip to Hudson Strait and Bay in July, 1910, by H.T. Barnes. 1911. 60p.
- Report on the Dominion Government expedition to Hudson Bay and the Arctic Islands on board the Dominion Government steamer "Neptune", 1903-1904, by A.P. Low. 1906. 355p.
- Report on the Dominion Government expedition to the Arctic Islands and Hudson Strait on board the Dominion Government Steamer "Arctic", by Capt. J.E. Bernier, officer in charge and Fishery Office. 1910. 529p.

Short title, Cruise of the Arctic.

eport on the Dominion Government expedition to the northern waters and Arctic Archipelago of the Dominion Government Steamer "Arctic" in 1910 under the command of Capt. J.E. Bernier, 1908-1909. 1911. 161p.

Separate from Dept. of Marine. Annual report, 1910.

eport on the effect of the Chicago Drainage Canal on the levels of the Great Lakes, by J.L. O'Hanley... 1896. 54p.

Report to the Minister of Marine and Fisheries.

eport on the influence of icebergs and land on the temperature of the sea as shown by the use of the micro-thermometer in a trip of the Canadian Government steamship, "Montcalm" in the Gulf of St. Lawrence and coast of Labrador, and notes, a trip across the Atlantic on board R.M.S. "Victorian" on which a micro-thermometer has been used.

eport on the removal of kipple kock. 1931. 11p.

eport to the Minister of Marine of the delegation to the International Conference on Load-Line held at London, May 20th-July 5th, 1930. 1930. 9p.

eports of the Canadian Arctic expedition, 1913-1918. 15v.

V.I. Narrative of the expedition. (In preparation)

V.II. Mammals and birds, by R.M. Anderson and P.A. Taverner. (In preparation)

V.III. Insects, by various authors.

Issued also in separate parts

V.IV-V. Botany.

Issued as volumes IV-V and in separate parts, by various

V.VI. Fishes, tunicates, etc.

V.VII. Crustacea.

Volumes, VI and VII to be bound together when completed.

V.VII. Mollusks, Echinoderms, Coelenterates, etc.

Issued in separate parts also,

[.] Items marked by ? are unknown because the publication is not railable for examination.

V.IX. Annelids, parasitic worms, protozoans, etc.

Issued also in separate parts.

V.X. Tides, etc.
(In preparation)

V.XI. Geology and geography, by J.J. O'Neill. Maps and geographical notes by K.C. Chipman and J.R. Cox.

V.XII. Copper Eskimos, [by D. Jenness and John Cameron]

V.XIII. Eskimo folk-lore, by D. Jenness.

V.XIV. Eskimo songs, by Helen H. Roberts and D. Jenness.

V.XV. Eskimo language and technology.

Rules and Regulations

General regulations governing the re-registration of wrecked ships under Section 18 of the C. S. act. 1913. lp.

International rules of the road in force in all navigable waters in Canada, except the Great Lakes. ?1 ?1

Issued in French and English.

International rules of the road in force in all navigable waters within Canada or within the jurisdiction of the Parliament thereof, except the Great Lakes. 1909. 22p.

Same. 1909. 22p.

Same. (French ed.) 1912. 23p.

Same. (French ed.) 1918. 17p.

Same. 1918. 22p.

Same. 1920. 22p.

Same. 1925. 18p.

Same. 1926. 22p.

Same. 1928. 28p.

Same. 1932. 22p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

International rules of the road in force in all navigable waters within Canada, or within the jurisdiction of the Parliament thereof, except the waters of Lake Superior and Huron, Georgian Bay, Lakes Erie and Ontario, their connecting and tributary waters, and the St. Lawrence River as far east as the lower exit of the Lachine Canal and the Victoria Bridge at Montreal ... 1909. 14p.

Load line regulations issued by the Dept. of Marine... 1932. 19p.

Reg lations for the examination of seamen and others for certificates of efficiency as lifeboatmen... 1933. ?1

Regulations for the government of public harbours in Canada, also pt. XII of the Canada shipping act... 1904. 19p.

Same. 1911. 19p.

Reprinted in 1913.

Same. 1924. 31p.

Reprinted in 1930 and 1933.

Regulations for the government of the Life Saving Service of Canada. 1888. 38p.

Same. 1913. 17p.

Same. 1914. 71

Published by the Naval Service, 1915 and 1917.

Regulations for the guidance of officers of the Department of Marine. 31 32p.

For use of the Department only.

Regulations for the loading of grain cargoes... 1924. 15p.

Same. 1929. 11p.

Regulations for the navigation through or under and the lighting of bridges over navigable waters and canals in Canada... [1923] lp.

Issued in English and French.

Regulations for the protection of lightships, buoys, beacons and floating lights. [1907] 31

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Regulations for the River St. Lawrence from Father Point to Victoria Bridge at Montreal established under R.S.C. 1927, Sec. 821, 836 and 895...

Included in Tide table and information connected with the River St. Lawrence Ship Channel.

Regulations for the use and management of government wharves in Canada and tariff of tolls and dues leviable in connection therewith... 1889. ?1

Same. (French ed.) 1898. 13p.

Same. 1908. 14p.

Same. 1912. 18p.

Same. 1917. ?1

Same. (French ed.) 1917. 24p.

Same. (reprint) 1924. 22p.

Same. (French ed.) 1924. 24p.

Same. 1929. 20p.

Same. (French ed.) 1929. 23p.

Regulations relating to the issue of motor engineer certificates. ?1 ?1

Regulations respecting the shipping of live stock from Canada... 1924. 8p.

... Regulations to govern or swing bridges, over navigable waters. [1910] ?1

Issued also as supplement to Annual report, 1911-1912.

Regulations to govern the establishment and use of cable ferries in navigable waters. 1910. lp.

Extract from Canada gazette, Nov. 17, 1923.

Rules and instructions for the guidance of lightkeepers. 1879. 45p.

Rules and instructions for the guidance of lightkeepers together with rules governing buoys and beacons, 5th ed. 1912. 39p.

Issued also in French.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Rules and regulations governing the examination of candidates for deep sea Canadian certificates of competency. 1897. 35p.

Rules and regulations relating to the examination of masters and mates for sea-going Canadian certificates of competency. 1907. 72p.

Rules and regulations relating to the examination of masters and mates of coasting and inland vessels. ?1 ?1

Issued in English and French.

kules and regulations relating to the examination of masters and mates of foreign sea-going ships. ?1 ?1

Assued in English and French.

Rules of the road for navigating the Great Lakes. ?1 ?1

Issued in E. glish and French.

Rules of the road for the Great Lakes containing rules for navigating the Great Lakes... 1910. 15p.

Rules of the road for the Great Lakes, including Georgian Bay, their connecting and tributary waters, and the St. Lawrence River as far east as the lower exit of the Lachine Ganal and the Victoria Bridge at Montreal... 1905.

Same. 1918. 22p.

Same. 1920. 19p.

Same. 1926. 18p.

Same. 1928. 17p.

Same. 1930. 17p.

Schedule of lightkeepers' salaries... 1909. 53p.

Same. 1911. ?1

Same. 1918. 81p.

Type-written ms.

Seamen: notice to members of Canadian Merchant Marine.
War Medal pamphlet announcement for use of applicants for War Medal. 1920. 4p.

l. Items marked by ? are unknown because the publication is not available for examination.

- ... Specifications for a first class, single screw, steel lightship, no.19. 1912. lp.
- Specifications for new ships: hull, machinery, specifications of a proposed steel twin screw, survey and inspection steamer for the Canadian Government (St. Lawrence Ship Channel Service below Quebec.) 1910. 102p.
- Specifications for the construction of two single screw, Hopper barges of 950 cubic feet capacity. 1913. 127p.
- Specifications of a proposed single screw buoys steamer for the Canadian Government, 1913. 1913. 136p.
- Specifications of hull, machinery and outfits of a steel, twin screw icebreaker for the Canadian Government to be named. 1913. 187p.
- Tariff of tools and dues to be levied for the use of government wharves at Port Alberin, B.C. 1929. 4p.
- Tariff of tools and dues to be levied for the use of government wharves at Sorel, P.Q. 1930. 6p.
- Wreck chart of Canada, index to accompany sheet no.1. South coast of Nova Scotia (including Gut of Canso) Cape Breton Island and Bay of Fundy. ?1 ?1

Pt.I. Names of vessels.

Pt.II. Names of localities.

Board of Steamboat Inspection

Serials

Circular. [ca. 1908-] no.1-

Report. 1868-

In Dept. of Marine. Annual reports, 1868- Issued separately also, 1868-1923.

Special Publications

Draft regulations for the protection of persons employed in loading and unloading ships. 1933. 13p.

Instructions as to the inspection of boilers and machinery of steamships..., 1922. 1922. 94p.

In English and French.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

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Règles et règlements pour la gouverne des inspecteurs et pour l'inspection des bateaux à vapeur, approuvés par son Excellence le Gouverneur-Général en Conseil ce 61ème jour de juillet. 1886. 1886. 21

Regulations relating to persons acting in the couble capacity of master and engineer in a passenger ship not exceeding 65 feet registered length, propelled by an internal combustion engine or by a steam engine with a flash boiler or by electricity. 1917. 2p.

Regulations relating to the issue of motor engineers certificates. 1924. 15p.

Same. 1927. 15p.

Same. 1930. 15p.

Rules and regulations relating to the examination of engineers (of steamboats) comprising part VI of the Rules for the inspection of steamboats and For the examination of engineers. with Circular S.I. 1 appended. 1923. 28p.

In English and French.

Rules for life saving appliances for steamships. 1914. 49p.

Issued in English and French.

Rules for life saving appliances with S.I. Circular 2,3, 4 and 6 appended. 1917. 63p.

Rules for the inspection of steamboats and for the examination of engineers of steamboats... 1904. 123p.

Rules for inspection of hulls and equipment. ?1 ?1

Issued in English and French.

Hydrographic Service

Note: Hydrographic publications issued were by Dept. of Naval Service, 1910-1923.

Serials

Catalogue of Marine charts, sailing directions and tidal information. ? [[v.l-]

Issued annually.

l. Items marked by ? are unknown because the publication is not available for examination.

Charts. ?1 no.1-

Issued in large numbers and cover the Atlantic and the harbours of Hudson Bay, Hudson Strait, Lake Melville, Labrador, the St. Lawrence River, the Kichelieu River, the Ottawa River, Lake Ontario, Lake St. Clair, Lake Erie, Lake Huron, Georgian Bay, Lake Superior, Lake of the Woods, Lake Winnipeg, Nelson River, Great Slave Lake and the Pacific coast.

Precise water level reports

Annual bulletin, Great Lakes and St. Lawrence River. ? 1 v.

Five sheets issued annually on Jan. 15th. Includes mean elevation by month and comparisons with previous years.

Monthly bulletin, Great Lakes and St. Lawrence River. ?1 v.

Two sheets issued on the 6th of each month. Includes mean water surface levels of Lake Superior, Huron, Erie, Ontario and the St. Lawrence River, with comparisons with previous years.

Tabulated records and profiles, Great Lakes and St. Lawrence River. 1860- [v.l-]

Report of Hydrographic Survey, 1897-1928.

Issued either as appendix to or as a part of Dept. of Marine and Fisheries. Annual report.

Report on Hydrographic works, 1905-1911.

Issued as part of the Dept, of Marine. Annual report.

Report on tidal observations, 1887-1889, 1891.

In Dept. of Marine. Annual reports, 1887,-1389, 1891.

Survey of tides and currents in Canadian waters, 1894- [v.1-]

Title varies.

Early reports usually issued as appendix to Dept. of Marine Annual report, after 1898 issued in Annual report.

Tide tables and information connected with the Ship Channel between Montreal and Father Point and with the Port of Montreal for 1911. 1911-[v.l-]

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Tide tables for charlottetown, Pictou and St. Paul Island, C.B. 1898-1906. no.1-9.

Continued in Tide tables for the eastern coasts.

Tide tables for Nelson, Hudson Bay and tidal data for Hudson Strait and James Bay. 1916-1921. ?1

Issued by Dept. of Naval Service.

- Tide tables for Quebec, Father Point, Halifax and St. John, N.B.... with tidal differences for the Gulf and River St. Lawrence, Nova Scotia, the Bay of Fundy and information on currents. 1897-1906. no.1-10.
- Tide tables for the eastern coasts of Canada... including the River and Gulf of St. Lawrence, the Atlantic coast, the Bay of Fundy, Northumberland and Cabot Straits and information on currents. 1907- no.11-

Continues Tide tables for Charlottetown, Tide tables for Chebec.

- Abridged edition of Tide tables for Charlottetown, Rustico, P.E.I. and Pictou, N.S., with tidal differences for North shore of P.E.I., and Northumberland Strait; St. Paul Island with differences for Sidney, etc. Also Strait of Canso and entrance to the Great Bras d'Or, slack water tables.
- Abridged edition of Tide tables for Halifax and Sydney, N.S., with tidal differences for the Atlantic coast of Nova Scotia, also Strait of Canso and entrance to the Great Bras d'Or, slack water tables.
- Abridged edition of Tide tables for Quebec and Father Point, with tidal differences for the St. Lawrence, also turn of tide at lower Traverse.
- Abridged edition of Tide tables for Saint John, N.B., with tidal differences for the Bay of Fundy and time of high water at Windsor, N.S.
- Tide tables for the Pacific coast of Canada, including Juan de Fuca Strait, the Strait of Georgia and the northern coast, with data for slack water in the navigable passes and narrows. 1907- no.1-
 - Abridged edition of Tide tables for Prince Rupert, B.C., with tidal differences for the northern coasts of British Columbia and information on the tidal streams of the northern B.C. waters.
 - Abridged edition of Tide tables for Vancouver and Sand Heads, B.C., and slack water for First Narrows, Active Pass and Turn Point, with tidal differences for the Strait of Georgia.

I. Items marked by ? are unknown because the publication is not available for examination. $\,$

Tide tables for Victoria, B.C., Sand Heads, Strait of Georgia and Sitka in Alaska... 1901-1906. no.1-6.

Title varies.
1901 includes Fraser River.

Special Publications

- British Columbia pilot. 1930-1933. 2v.
 - V.1. Southern coast from San Juan de Fuca to Cape Caution, including Vancouver Island.
 - V.2. Northern coast from Cape Caution to Portland Inlet and Queen Charlotte Islands.
- The currents in the entrance to the St. Lawrence, including the Anticosti region and the Gaspé current, from investigations during three seasons. ?1 ?1
- The currents in the Gulf of St. Lawrence, including Belle Isle and Cabot Straits and Northumberland Strait. Describing the currents and explaining the general circulation of water in the Gulf. ?1
- Great Lakes pilot. 1933. 2v.
 - V.1. Kingston to Sarnia.
 - V.2. Lake Huron, Georgian Bay and St. Mariey River to Sault Ste. Marie.
- Sailing directions for Hudson Bay route. 1933. 103p.
- Sailing directions for Lake Melville and approaches, Labrador coast. 1931. 36p.
- Sailing directions for the Canadian shores of Lake Superior. 1922. 262p.
- St. Lawrence pilot (below Quebec), comprising sailing directions from Cap des Risiers to Quebec, 5th ed. 1929. 210p.
 - Supplement, 1933.
- St. Lawrence River pilot (Montreal to Kingston), including Ottawa River. 1933. 104p.
- St. Lawrence River pilot (Quebec to Montreal), including the Richelieu River. 1931. 105p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

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- Tables of the currents in the Bay of Fundy, giving the direction and velocity of the tidal streams, hour by hour, and the time of slack water throughout the region extending from St. John, N.B. to Cape Sable with tables and charts of currents. ?1
- Temperatures and densities of the waters of eastern Canada. 1922. 102p.
- Tide levels and datum planes in eastern Canada from determinations by the Tidal and Current Survey up to the year 1917. 1917.
- Tide levels and datum planes on the Pacific coast. 1906. 21p.
- Tide tables and information connected with the ship channel between Montreal and Father Point, and with the Fort of Montreal; Montreal to Lake Ontario; Ottawa River and Bay of Qinte. ?1 ?1
- Tice tables for Nelson, Hudson Bay and tidal data for James Bay for the season of 1918. 1917. 7p.
- Tides and tidal streams, with illustrative examples from Canadian waters. 1920. 43p.
- Tides at the head of the Bay of rundy from observations from the following sources: 1. Measurements by the Tidal Survey in Cobequid Bay in 1916; where the highest tides occur. 2. Tide levels for the Baie Verte Canal, Cumberland Basin, 1870. 3. Observations during Admiralty chart surveys, Noel Bay, 1859. 1917. 34p.

Meteorological Service

Serials.

Abstracts and results of magnetical and meteorological observations. 1841-1871. 1v.

Annual meteorological and magnetic report. 1870-1890, 1895-1915. [45v.]

Discontinued 1891-1894; 2 volumes per year, 1896, 1907, 1910, 1911, 1912. Continued as Dept. of Marine. Montaly record

Annual report... 1871-

Issued as part of Dept. of Marine. Annual report, 1871-

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Annual report of Toronto Observatory. 1907- v.1-

Daily weather map. 1895- v.1-

General meteorological register. 1864-1906? v.

Magnetic observations. 1916. lv.

Magnetical abstracts, Toronto. 1855-1862. 3v.

Monthly record of meteorological observations. 1916- v.1Supersedes Monthly weather review.

Monthly weather map. 1895- no.1-

Monthly weather review. 1878-1915. 38v.

Record of magnetic observations at Agincourt and Meanock. 1926- v.1-

Annual

Results of magnetic and meteorological observations, Toronto. 1840-1848. 3v.

Results of observations at the Canadian Magnetical Observatories Agincourt and Meanook. 1917-1925. 9v.

Annual.

Special Publications

Comparison of the Angstrom Pyrheliometer and the Callendar sunshine recorder. 1912. 21p.

The cup aneomometer. 1926. 53p.

Instructions to agents for the publication of storm warnings. 1925. 28p.

Instructions to observers. 1878. 190p.

Same. 1930. 144p.

Meteorological service tables. 1913. 29p.

For use of observers.

Same. 1928. 29p.

Meteorological tables. 1932. 18p.

me. 1932. 32p.

Pilot baloon instructions and tables for obtaining the long horizontal distance by the one thedolite method. 1921. 91p.

lain and snowfall of Canada, 1906-1914. 2v.

V.1. 1906. V.2. 1914.

he temperature and precipitation of Alberta, Saskatchewan and Manitoba. 1920. 170p.

he temperature and precipitation of British Columbia. 1915.

he temperature and precipitation of northern Canada. 1930. 15p.

emperature, precipitation, wind and weather. 1931. 38p.

Reprint from Instructions to observers, 1930.

pper air investigations. 1915. 127p.

isibility and cloud. 1931. 91p.

Reprint from Instructions to observers, 1930.

eather processes. 1931. 25p.

Reprint from instructions to observers, 1930.

Radio Branch

rials

mual report, 1904-

In Dept. of Marine. Annual report, 1904-Title varies.

lletin. 1932. no.1-

ecial Publications

ternational Telecommunication Convention of Madrid, 1932, together with the Safety of life at sea and load line convention act, 1931, and the regulations issued thereunder.

Items marked by ? are unknown because the publication is not allable for examination.

- Kilocycle-metre conversion chart. ?1
- Map showing Radiotelegraph and Radiotelephone Coast Stations in Canada used as Aids to navigation. ?1
- Notice re secrecy, false and fraudulent signals (Form W40)
- Official list of Radio Transmitting Stations in Canada (including amateurs) ?1 ?1
- Pamphlet containing examination procedure for certificate of proficiency in radio for commercial operators. ?1 ?1
- Pamphlet containing extracts from the Radiotelegraph act with reference to amateur experimental radio stations. ?1 ?1
- Postmaster-Generals' handbook for wireless telegraph operators, revised in accordance with the International Telecommunication Convention of Madrid. 1932. ?1
- Radiotelegraph act and regulations issued thereunder. ?1 ?1

Catalogues and Indexes

Canada. Marine, Dept. of. Hydrographic Service, 1933. Catalogue of Marine charts, sailing directions and tidal information... and other Canadian government publications of interest to mariners. Corrected to 1st April, 1933. 1933. 52p.

Bibliography

- Canada and its provinces... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.
- Canada. Marine, Dept. of. Annual report. 1868-[v.1-]
- Canada. Marine, Dept. of. Hydrographic Service, 1933. Catalogue of Marine charts, sailing directions and tidal information... and other government publications of interest to mariners. Corrected to 1st April, 1933. Ottawa, King's Printer, 1933. 52
- Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906-[v.1-]
- List of the serial publications of foreign governments, 1815-1931. Edited by Winifred Gregory. N.Y., H.W. Wilson Co., 1932. 720p.
- Revised statutes of Canada, 1927. Ottawa, King s Printer, 1927-1928. 5v.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Department of Fisheries

story

The almost unrivalled richness of the fish resources of Canada have made this subject of paramount importance, from the days of the Breton and Basque fishermen in the early 16th century to the time of the highly organized Fisheries Department of to-day. As early as 1713, through the Treaty of Utrecht, the fishing rights of the two countries concerned were defined, and have ever since been a governmental concern. Each colony had its own fishing regulations, but they were difficult to enforce, due to lack of governmental machinery. In 1857 a Fisheries act was passed by the Parliament of the Province of Canada, and fisheries were assigned to the Department of Crown Lands for administration. Upper and Lower Canada each had a Superintendent of Fisheries, and Overseers of Fisheries were appointed and licenses granted, but conditions in the maritime colonies, where fisheries were of the utmost importance. remained in the same unsatisfactory state.

At Confederation a Department of Marine and Fisheries was constituted² in 1868, and consisted of a Minister and Secretary of Marine and Fisheries, with the necessary clerical assistants. Their general duty was the enforcement of laws in regard to fisheries, and in 1873 it became necessary to appoint a Commissioner of Fisheries in order to care for the expanding duties in this field. From 1864 to 1892 the Departments of Marine and

^{1. 20} Vict., Cap. 21.

^{2. 31} Vict., Cap. 60.

Fisheries were entirely separate, but each was responsible to the Minister of Marine and Fisheries. In 1892 they were again united for economy in administration, and a man of scientific attainments was placed in charge in order to secure adequate attention to the scientific phases of both branches of the Department. It was found that marine biology required so much of the time of this official, that in 1909 it was necessary to restore the office of Commissioner of Fisheries. In 1914 the care of fisheries was assigned to the Department of Naval Service, but since the two branches had little in common, it seemed expedient in 1920 to again assign fisheries to the Department of Marine and Fisheries. In 1930 the two branches were once more reorganized as separate departments under the Fisheries Department act, and the Fisheries branch became the

At the time of Confederation it was understood by all concerned that under section 91 of the <u>British North America act</u>, both the regulation and administrative control of all fisheries of the Dominion rested with the federal authorities, but subsequently a question arose as to the power of the Dominion Government to grant exclusive fishing rights in the non-tidal portions of rivers. The Exchequer Court of Canada decided that in non-tidal waters the ownership of fisheries lies with the riparian owner. Following this the different provinces claimed administrative jurisdiction in their respective waters, and

^{1. 20-21} Geo. V, Chap. 21.

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after a period of controversy, the question was settled by three decisions of the Privy Council, in 1898, 1912 and 1920. In summary these decisions were: that whatever property rights were held by the provinces prior to Confederation, remained vested in them thereafter, and that in all tidal waters there is a public right of fishery that comes under the exclusive jurisdiction of the Federal Government, and that further, in the case of quebec, the public right extends to all navigable waters that are accessible by navigation from the sea. It was determined, however, that the regulation of fisheries, in all parts of the Dominion, is exclusively a function of the rederal Government. In some cases, the legal position has been modified by arrangement between the Dominion Government and the province, so that practice varies somewhat according to the situation in each province.

nctions

As defined in the act of 1368, the functions of the Department in regard to fisheries were the administration of all laws on the subject and the supervision and protection of fisheries. This work has expanded with the years to include many related luties. Fish culture was started by the first Superintendent of Fisheries in 1858, and has been continued ever since under rovernment auspices. In 1868 the first federal hatchery was built, and by 1876 there were seven public establishments for 1816 culture. At present there are twenty-three hatcheries,

nine subsidiary hatcheries, and eight salmon retaining ponds.

A Fisheries Intelligence Bureau was organized in 1889, under which fifty-two stations reported fishing conditions to a central station in Halifax, and this information was then telegraphed to business centres concerned with fishing. Since 1928 such information has been distributed by broadcast. In 1919 a Publicity, Transportation and Marketing Division was organized, but since 1923 the branch in charge of Publicity has been designated as the Fisheries Intelligence Service. This work consists of the collection and distribution of information in regard to fisheries, by means of bulletins, pamphlets and newspaper articles. This branch also collects and checks fishery statistics.

Private study of the marine biology of Canada had been in progress for several years, when in 1898, on the recommendation of the British Association for the Advancement of Science, a Marine Biology Station was organized. Its object was the advancement of the fisheries of Canada and enlargement of the knowledge of marine biology of the Gulf of St. Lawrence and the Atlantic coast of Canada. The first station was an ark that might be placed on a barge and moved from place to place. In 1912 a Marine Biology Board was constituted for the study of the economic aspects of marine life, and operates under the control of the Minister of Fisheries. It consists of representatives of the universities doing biological work, representatives

^{1. 2} Geo. V, Chap. 6.

of the fishing industry and of certain departmental officers.

Its members serve without remuneration, but a paid staff of scientists is employed. Four research stations and two substations are conducted by the Board. The stations at St. Andrews, N.B. and Nanaimo, B.C. are known as Fisheries Biological Stations, and are engaged in scientific research, and those at Halifax, N.S. and Prince kupert, B.C. carry on investigations in connection with the practical problems of the fishing industry. These latter are called Fisheries experimental Stations. The substation at Cultus Lake, B.C. deals with special problems related to the propagation of the sockeye salmon, and that at Ellerslie, P.E.I. conducts studies of oysters and oyster culture.

The Department cooperates with the North American Council on Fishery Investigations, whose object is the coordination of fishery research in the western Atlantic and the exchange of the results of research. This Council was organized in 1920, on the suggestion of Canada that an international committee on marine fishery investigations be formed, and included representatives from the United States, Newfoundland and Canada, but in 1922 France also became a member. The organization was first designated as the International Committee on Marine Fishery Investigations, subsecuently it was called the International Committee on Deep- sea Fisheries Investigations, then the North American Committee on Fishery Investigations, and in 1930 the present name, North American Council on Fishery Investigations, was adopted. The Council has published one formal account of

its work, and after each meeting, issues press items dealing with the more important subjects considered.

Organization

The administrative headquarters of the Department are in Ottawa, but two divisional offices are maintained; the Eastern Division in Halifax and the mestern Division in vancouver.

In outline, the Department is organized as rollows:

Minister of Fisheries
Deputy Minister of
Fisheries
Assistant to the Deputy
Linister
Director of Fisheries Fromotion and Inspection
Director of Fish Culture
Fisheries angineer
Director of Fisheries Intelligence and Publicity

Eastern Division, Halirax

Chief Supervisor of Fisheries District Supervisors (8 are located in different sections of Eastern Canada)

Western Division, Vancouver

Chier Supervisor of Fisheries District Supervisors (3 are located in different sections of British Columbia)

District Supervisors of Fish Culture

l in St.John, N.B. l in Vancouver, B.C.

Publications of the Department of Fisheries 1

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Frinter.

Janada, Fisheries, Jept. of

Berials

Annual report. 1868- | v.1-]

Title and numbering of reports vary; from 1868-1883 in Dept. of Marine and Fisheries. Annual report; 1884-1891 in Dept. of Fisheries. Annual report; 1892-1914 in Dept. of Marine and Fisheries. Annual report; 1914-1920 in Dept. of Marine and Fisheries. Annual report; 1921-1930 in Dept. of Marine and Fisheries. Annual report; 1950- Dept. of Fisheries. Annual report. Includes report of the work of poth inside and outside service.

Includes report 97 the work of both inside and outside service issued also in French.

^{1.} The fishing regulations for the different provinces change so frequently that it is not feasible to include them.

Annual report on fish culture 1875- [v.1-]

1375-1394 called <u>Report on fish-breeding operations</u>.

Issued as part of fisheries Dept. <u>Annual report</u> and issued separately also.

Bulletin. 1920-21. no.1-4.

Issued by the Publicity and Marketing Divisions of the Department.

Fisheries news bulletin. 1929- no.1-

Designed to spread information in regard to Canada's fish resources and industries. Monthly.

Issued also in French.

Quarterly bulletin of sea fishery statistics. 1912- no.1-

1912-1919, issued by Dept. of Naval Service. Fisheries Branch; 1912-1917 called Monthly bulletin of sea fishery statistics.

The salmon fishery of British Columbia. ?1 ?1

Issued also in French.

Special report on the fisheries protection service of Canada. 1877-1890. v.

Special Publications

Note: Includes all special publications issued under the various departments to which fisheries have been assigned for administration.

Canada's fisheries. 1930. 13p.

Issued also in French.

Canadian cod fishery. 1929. 5p.

Checklist of the fishes of the Dominion of Canada by Andrew Halkett. 1913. 138p.

Cod, dry and salted, standard size and quality, and such like fish. ?1 ?1

Discoloration, smut or blackening of canned lobster... 1923.

The dried codfish trade... by J.J. Cowie. ?1 ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Factors in the shipment of live lobsters from eastern Nova Scotia. 1932. 29p.

Tasued also in French.

Fish and chip shops. 1920. 4p.

Fish and how to cook it. 1932. 52p.

Issued also in French.

Fish canning in Canada. 1930. 8p.

Issued also in French.

Fish. Report of Mr. J.J. Cowie and Mr. G.R. Earl on their work in connection with the Imperial Economic Conference Committee's inquiry into the marketing of fish products of the Empire. 1927. ?

The fisheries of Canada. A brief bulletin of salient facts as to the fisheries resources of the Dominion... 1930. 5p.

Issued also in French.

Hardening mud bottoms for oyster culture. 1932. 4p. Mimeographed edition.

Historical account of the lobster canning industry, by kichard H. Williams. 1930. 23p.

Hudson Bay and the determination of fisheries... by Dr. A.G. Huntsman. ?1 ?1

Investigation into the natural history of the herring, 1914... by Johan Hjort. 1915. 38p.

Map of the Atlantic coast provinces showing fishing grounds. 1932. ?1

Oyster farming on the Atlantic coast of Canada. 1932. 17p.

Issued also in French.

... A popular account of the fishes of Canada from the lampreys and hagfishes to the viper fishes inclusive, by Andrew Halkett ... 1929. 38p.

Preliminary report on fisheries investigation in Hudson Bay, 1930. 1930. 4p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

- Freliminary report on the fisheries of Canada for the year 1884. ... 1885. 77p.
- Proceedings of the North American Council on Fishery Investigations, 1921-1930.
- Red discoloration of cured codfish. 1922. 13p.
- Report of Mr. William Gunn... and Mr. M.G. McLeod..., appointed to enquire into the herring fishing industry of creat Britain and Holland. 1889. 82p.
- Report of the Royal Commission (1928) investigating the fisheries of the Maritime Provinces and the Magdalen Islands. 1928. ?1

Issued also in French.

Report on Canadian fish marketing. ?1 ?1

Issued also in French.

- Report on fisheries investigation in Hudson Bay, 1930. ?1 ?1
- Report on the lobster industry, by A.P. Knight. ?1 ?1
- Report on the oyster fisheries of Canada, 1892, by Ernest Kemp ... 1893. 13p.
- Report upon the condition of the rivers in Nova Scotia in connection with the fisheries in that province. 1884. 76p.
- Reports on fisheries investigations in Audson and James Bays and tributary waters in 1914, by C.D. Melville, A.A.M. Lower and N.A. Comeau. 1915. 85p.
- Salmon and trout streams of Nova Scotia ... Digest of angling regulations... 1930. 9p.
- The salmon fishery of British Columbia. 1931. 9p.

Issued also in French.

- Statistics of the catch of cod in North American waters to 1926, by 0.E. Sette. 1927. 14p.
- Statistics of the haddock fishery in North American waters, by A.W.H. Needler. 1929. 14p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Summary of the report by Messers. Cockfield Brown and Co., Ltd. on the marketing of Canadian fish and fish products. 1932. 32p.

Biological Board

Serials

Annual report of the work of the Biological Board of Canada, 1930-1931- no.1-

Toronto. Toronto University Press, 1918- no.1-Bulletin.

Contributions to Canadian biology, being studies from the biological stations of Canada ... 1901-1922.

1901, 1902 -1905, 1911-1914 (fasc. 1-11), 1914-1915-1917-1918 1901, 1902 -1905, 1911-1914 (fasc. 1-11), 1914-1915-1917-1918 issued as Bessional papers in the following years: 1902, 1907, 1915, 1916, 1917 and 1918 respectively.

1901 and 1911-1914 (fasc. 1-11), issued respectively as supplement to the 32nd and 47th annual reports of the Dept. of Marine and Fisheries. Fisheries Branch.

1902 -1905 originally issued as part of the 39th annual report of the Dept. of Marine and Fisheries. Fisheries Branch.

1914-1915-1917-1918 issued respectively as supplements to the 5th-7th annual report of the Dept. of Maval Dervice. Fisheries

Branch.

Issued by the Marine Biological Board 1901-1910; by the Biological Board, 1911-1921. Title varies.

Contributions to Canadian biology and fisheries, being studies from the biological stations of Canada, new series. Toronto University Press, 1922- v.1-

Title varies.

progress reports of Atlantic Biological Station, St. Andrews, N.B. and Fisheries experimental station (Atlantic, Halifax, 1930- no.1-

Studies from the biological stations. 1920- no.1-

Catalogues and Indexes

There are no general catalogues or indexes to the publications of the Dept. of Fisheries.

Bibliography

- Canada and its provinces ... v.o. Toronto, Glasgow Erook and Co., 1914-1917. 23v.
- Canada. Fisheries, Dept. of Annual report. Ottawa, Queen's or King's Printer, 1868- [v.1-]
- Canada year book, new series, 1914- Ottawa, King's Printer, 1906- [v.1-]
- Canadian almanac ... 1934. v.p., v.p., 1856?- [v.1-]
- List of the serial publications of foreign governments, 1815-1931. Edited by Winifred Gregory. New York, H.W. Wilson Co., 1932. 720p.
- Statutes of Canada, 1868- Uttawa, Queen's or King's Printer, 1868- [v.l-]

CHAPTER XVI

DEPARTMENT OF NATIONAL DEFENSE DEPARTMENT OF PENSIONS AND NATIONAL HEALTH

Department of National Defense

In 1922, for reasons of economy in administration, the Departments of Naval Service and Militia and Defense and the Air Board were amalgamated into one department, called the Department of National Defense. The act constituting it was passed in 1922, and brought into effect by proclamation in January, 1923. The Minister of National Defense was charged with the administration of all matters relating to national defense, including the Military, Naval and Air Services of Canada. Though under a single administrative head, each Service continues to function as provided in the act under which it was originally constituted, so that it is necessary to give a brief account of each of the original departments, in order to understand their publications.

Department of Militia and Defense

History

Prior to Confederation the defense of the country was in the hands of the Imperial Government, assisted by the volunteer militia of the various provinces. The first Militia act was passed in 1868, under which the Sovereign was declared Commander of all military forces in Canada, and the control of these forces was assigned to the Dominion Government. The Department of Militia and Defense was created and the Minister in charge was given direction over all militia affairs. A new Militia and defense act was passed in 1904, which provided for the appoint-

^{1. 12-13} Geo. V, Chap. 34. 2. 31 Vict., Cap. 40. 3. 4 Edw. VII, Chap. 23.

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ment of a Militia Council to act in an advisory capacity to the Minister. The Defense Council now takes the place of the Militia Council, and is composed of representatives of the Military. Naval and Air Services.

Functions

In general the functions of the Military Service are as follows:

- a. The civil administration of military affairs
- b. Administration of all militia expenditures
- c. Supervision of fortifications, ordnance, amunition, habili-ments of war and the repair and maintenance of all military buildings

These functions are now carried on under the Militia Services of the Department of National Defense. Military Forces

The Military Force's are organized as follows:

Active Militia Permanent Militia Non-permanent Militia Reserve Militia

The Active Militia consists of Corps raised by voluntary enlistment, and forms the first line of defense. The Permanent Militia is responsible for the care and protection of forts, maintains schools of instruction and provides members for the Headquarters Staff and those of the Military Districts. The Act provides that the Permanent Force shall not exceed 10,000, and at present its authorized strength is 438 officers and 3.238 of other rank, though the actual numbers are governed by the amount of the appropriation. The Non-permanent Militia must undergo not less than thirty days training each year. Its

authorized strength at present is, 9,029 officers and 125,722 of other rank. The Reserve Militia serves as a basis for contingent military organization, and consists of Reserve Units and all able-bodies citizens between the ages of 16 and 60 years, who are not exempt by law from military service.

Royal Military College

The Royal Military College was established at Kingston, Ontario in 1876¹ for the prupose of providing a complete education in all branches of military tactics and scientific knowledge necessary for the military profession. It is under the supervision of the Department of National Defense whose minister calls the meetings of the Board of Examiners and receives the report of the Board. He also presents the report of the College to Parliament and has been its President since 1906.

Department of Naval Service

History

Prior to 1909 Great Britain had assumed entire responsibility for the protection of Canada on the sea, but at this date, it was decided to create a Naval Service for Canada. The Act² constituting this service followed in general the lines of the Militia and defense act, and the Naval Service Department, as it was then called, was placed under the Minister of Marine and Fisheries, who was given the title of Minister of Naval Service. The Act also provided for the establishment of a Naval Board to act in an advisory capacity to the Minister, but such a board was never created.

^{1. 37} Vict., Chap. 36.

^{2. 9-10} Edw. VII, Chap. 43.

In 1922 when all departments relating to defense were nited in the Department of National Defense, the Department f Naval Service became the Naval branch of the new department. unctions

The functions of the Naval Service are the management and ontrol of naval affairs, including the organization and training f a naval force, the construction, maintenance and repair of hips of war and naval establishments and, for a time, included he administration of the Hydrographic, Tidal and Current Surveys, adio-telegraph Branch and the protection of fisheries, but these ere later returned to the Department of Marine and Fisheries for dministration.

The Naval service act provided for the establishment of a aval College to give instruction in all branches of naval science. he college was placed in Halifax, under the direction of a aval officer, considered by the Governor in Council to be specially fitted for the task. He was assisted by the necessary rofessors, instructors and assistants. All students were selected y competitive examination, and must pass a medical examination efore admission. Each student must agree to serve in the Canadian aval Force for a prescribed length of time. The brildings used or the Naval College were destroyed by the disastrous explosion a Halifax Harbour in 1917, so that the Naval College was obliged a seek temporary quarters, first at Kingston, then at Esquimault, .C. The College was continued at Esquimault until 1322, when the aval vote was very much reduced, and the Naval College closed.

^{. 12-13} Geo. V, Chap. 34.

Naval barracks were continued at Halifax and Esquimault for the accommodation of naval officers and men and the Naval Reserve.

Naval Forces

The Naval Forces are organized as follows:

Royal Canadian Navy Royal Canadian Naval Reserve Royal Canadian Naval Volunteer Reserve

The Royal Canadian Navy is a permanent force, and includes four destroyers and three minesweepers, as well as the barracks and training establishments at Esquimault, B.C. and Halifax, N.S. Its authorized strength is 104 officers and 812 ratings.

The Royal Canadian Naval Reserve is recruited from citizens who follow the sea as a profession, or are engaged in approved specialist employment on shore. Training of officers and men is carried on during the winter months at Esquimault or Halifax, or on H.M.C. ships. Its authorized strength is 70 officers and 430 ratings.

The Royal Canadian Naval Volunteer Reserve is organized into three companies and twelve half companies, located in the larger Canadian cities. . Members undergo two or three weeks training each year, at Halifax or Esquimault, and attend thirty drills at their home station. During their three years of engagement, they are given opportunities for service at sea. authorized strength is 70 officers and 930 ratings.

Air Board

History

The rapid advances in aviation during the World War, together with the extensive air development programs undertaken immediately after the War, by Great Britain and the United States, emphasized

the necessity for proper coordination and control of this work in Canada, and in 1919¹ the Air Board was constituted. The Board consisted of from five to seven members, one of which was from the Department of Militia and Defense and one from the Department of Naval Service, with a minister of the Crown as chairman.

Functions

The following functions were assigned to the Air Board:

- a. Direction of the Canadian Air Force
- b. Direction of the flying operations of all government departments
- c. The control of civil aviation

The control of civil aviation includes the licensing and registration of aircraft, airharbours, commercial and private air pilots, air engineers and air navigators, the location and construction of air routes, and the giving of technical information and advice on matters connected with civil aviation.

The Air Board continued to function after its absorption into the Department of National Defense, practically as before, but is now called the Air Services of Canada.

Air Force

The Canadian Air Force is organized as follows: Permanent Active Air Force

Non-permanent Active Air Force

The Permanent Active Force consists of five stations and a number of sub-bases located throughout Canada. Its authorized strength is 249 officers and 90 airmen.

The Non-permanent Active Air Force consists of three Army Cooperation Squadrons and an Army Cooperating Wing Headquarters Its authorized strength is 133 officers and 651 airmen.

^{1. 9-10} Geo. V, Chap. 11.

Organization

At present the Department is organized as rollows:

Minister
Deputy Minister
Assistant Deputy Minister
Director of Contracts
Chief of Frinting and
Stationery Branch
Chief Registration Clerk
Judge-Advocate-General

Defense Council

President- Ninister of
National Defense
Vice-President-Deputy
Minister
Chief of the General
Staff
Chief of the Naval Staff
Associate Members
Adjutant-General
Quartermaster-General
Senior Air Officer

Naval Service

Chief of Naval Staff
Director of Naval Intelligence
and Flans
Director of Naval Operations
and Training
Director of Reserves
Director of Naval Engineering
Director of Naval Stores
Naval Secretary

Air Service
Air Statlon Officer
Air Personnel Staff Officer
Unief Aeronautical Engineer

Civil Aviation
Controller
Superintendent of Airways
Superintendent of Air Regulations

Publications of the Department of National Defense

Note: Unless otherwise stated all publications are issued from Ottawa and by the king's Printer.

Publications of the three Services which make up the pepartment are included in the list. After 1923 all publications are issued by the pepartment of National Defense.

Militia Service

Chief of the General Staff
Director of Military Training and Starf Duties
Director of Military Oper-

Director of Military Operations and Intelligence
Director of Signals
Director of mistorical Section

Adjutant-General
Director of Organization
and Personal Services
Director-General of Medical
Service
Officer 1/c Records

Quartermaster-General
Director of Engineer
Services
Director of Supplies and
Transport
Director of Equipment and

Director of Equipment and Crdnance Services Officer Administering Canadian Veterinary Services

Air Board

Serials

Bulletin. 1920-1921. no.1-2.

Report. 1920-1922. 4v. 1

Continued by Dept. of National Defense. Report, Militia and Air Service, 1924-1932 and by Dept. of National Defense.
Report, 1933- Issued also in Sessional papers

Special Publications

Air administration in Canada. 1919. 13p.

Air Force. Regulations.

Dress regulations for the Royal Canadian Air Force. ?1 ?1

King's regulations and orders for the Royal Canadian Air Force. ? !

Pay and allowance regulations for the Royal Canadian Air Force. ?1 ?1

Regulations and instructions for the clothing of the koyal Canadian Air Force. ? ?

Civil Aviation. Regulations

Air regulations, 1920 with amendments to December 31, 1932. 1933. 48p.

Selective bibliography on air navigation- theoretical and practical and selected references to allied subjects, such as astronomy, meteorology, nautical pilotage and navigation, cartography, and terrestrial magnetism, etc. 1922. [14p.]

Selective bibliography on air photographic surveying and mapping, 1922. 15p.

Selective bibliography on air photography generally. 1922. [14p.]

^{1.} Items marked by ? are unknown because the publications is not available for examination.

Selective bibliography on forestry reconnaissance, photography and forest fire protection by air. 1922. [10p.]

Militia and Defense, Dept. of

Serials

European War. Memorandum respecting the work of the Department. 1915-1919. no.1-6.

General orders, see Dept. of National Defense. General orders ..

Interim report of the Militia Council of the Dominion of Canada on the training of the Militia. 1907-1910. v.

Militia daily orders. 1868-1919. v.

Militia general orders. 1868-1898. v.

Superseded, 1900- by two series: General orders, Militia orders.

Militia list of the Dominion of Canada, see Dept. of National Defense. Militia list.

Militia orders, see Dept. of National Defense. Militia orders.

Regulations and orders for the Militia of the Dominion of Canada. 1879-1910. 73v.

Report. 1868-1922. 54v. 1

Preceded by Report on the state of the Militia of the Province, 1856-1867, and continued by Dept. of National Defense. Report, Militia and Air Services, 1924-1932; by Dept. of Militia and Defense. Report, 1933-

Routine orders. ?1 ?1

Special Publications

Canadian army service corps training, 1914 ... 1914. 155p.

Canadian corps operations during the year 1918; interim report, by Lieut. Sir A.W. Currie. [n.d.] 94p.

Canadian Expeditionary Force units. Instructions governing organization and administration ... 1916. 109p.

Canadian Militia. Final instructions, 1914, and standing orders, Canadian army pay corps. 1915. 97p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

- Canadian Militia pay and allowance regulations, corrected with amendments to 28th February, 1915. 1915. 115p.
- Canadian Militia, war establishments (provisional) 1912. London, [n.p.] 1911. 87p.
- Same. 1914. 104p.
- Dress regulations for the officers of the Canadian Militia, 1907. 1927. 78p.
- Same. 1932. 82p.
- Final report of War Claims Commission. 1887. 80p.
- A history of the organization development and services of the Military and Naval Forces of Canada from the Peace of Paris in 1763 to the present time. 1919-1920. 3v.
- Infantry training for use of the Canadian Militia. 1915. 73p.
- King's regulations and orders for the Canadian Militia. 1926.
- Manual, firing and bayonet exercises, with the order of guard mounting for the use of the Canadian Militia. 1894. 214p.
- Manual of military cooking. 1916. 68p.
- Memorandum by Major General P.H.N. Lake ... upon that portion of the report of the Civil Service Commission, 1908, which deals with the military administration of the Militia. 1908. 23p.
- Militia pensions, war of 1912-15, return for 1876-77..

 Statement showing the names of all veterans who have proved their rights to partake in the grant of \$50,000 voted last session by Parliament in favour of militiamen of 1812-15 and the action taken in each case during the current financial year; also the names of all who have applied for a pension, and upon whose cases no decision has been given. 1877. 109p.
- Notes on British and French maneuvers, 1912, prepared by Canadian officers ... 1913. 32p.
- Organization, equipment, despatch and service of the Canadian contingents during the war in South Africa, 1899-1900. 1901. 23+192p.
- Pay and allowance for the officers of the Canadian Militia.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

- Fay and allowance regulations for the Fermanent and Non-permanent Active Militia. ? 1 ?1
- Pensions granted and money allowances made to members of the Canadian Expeditionary Forces since beginning of war to Feb. 16, 1916 ... 1916. 83p.

Issued as Sessional paper no.185, 1916.

- Priced list of stores, clothing and necessaries authorized for use by the Canadian Militia kifle Association and cadet corps. 1912. ?1
- Ready reckoner for the use of the Canadian Army service corps and quartermasters of the Canadian Militia. 1915. 51p.
- Regulations and instructions for the clothing of the Non-permanent Active Militia. ?1 ?1
- Regulations and instructions for the equipment of the Canadian Militia. ?1 ?1
- Regulations and instructions for the Royal Military College of Canada. ?1 ?1
- Regulations and orders for the Militia of the Dominion of Canada, 1879-1910. 3v.

Issued also in French.

- Regulations for Rifle Associations. ?1 ?1
- Regulations for the cadet services of Canada, 1915. 1915. 14p.
- Regulations for the Canadian medical service, 1914. (Approved by the Militia Council) 1915. 62p.
- Regulations for the clothing of the Canadian Militia. Part I, Permanent Force. ?1 ?1
- Regulations relating to the issue of uniform clothing and necessaries to the volunteer force of Canada. 1866. 14p.
- Report of Lieut. Col. W.H. Jackson on matters in connection with the suppression of the rebellion in the North-West Territories in 1885. 1887. 44p.
- Report of Sir John French on the Canadian Militia. 1910. ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Report of the Major General for 1898. 1899. 38p.

Report upon the best method of giving effect to the recommendations of General Sir John French ... regarding the Canadian Militia, by Major General Sir P.H.N. Lake ... 1910. 16p.

Issued also as Sessional paper no.35b, 1911.

Report upon the suppression of the rebellion in the North-west Territories, and matters connection therewith, in 1885 ...

Same. 1886. 384p.

Issued as Sessional paper no.6, 1886. Issued also in French.

The return of the Troops. ?1 ?1

tifle and musketry exercises for the Ross rifle, 1914. 1914.

Same. 1915. 49p.

Rules for the management of garrison and regimental dry canteens in Canada, including instructions relative to regimental funds and refuse funds, 1916. 1916. 34p.

Statement showing the name, age and residence of militiamen of 1812-1815, who have applied to participate in the gratuity voted by Parliament in 1875, with the name of the corps or division, and rank in which they served. 1376. 95p.

Issued also in French.

Supplementary report; organization, equipment, despatch and service in the Canadian contingents during the war in South Africa, 1899-1900. 1901. 192p.

val Service, Dept. of

(ote: For lide tables and other publications having to do with tides, currents, etc., see Dept. of Marine. Hydrographic Service.

ierials

anadian naval general orders. 1911-1922. v.

Include amendments to regulations, administrative orders, nonours and awards and establishments. Continued by Dept, or ational Defense. Naval general orders.

^{..} Items marked by ? are unknown because the publication is not wailable for examination.

Canadian navy list, see Dept. of National Defense. List of officers ... 1911-1927.

Report ... 1911-1923. [13v.]

From 1914-1920 includes fisheries protection, hydrographic and tidal and current surveys, life saving service and radiotelegraph service. Continued by Dept. of National Defense. Report, Naval Service, 1924-1932; from 1933- all services of the Department are included in Dept. of National Defense, Report.

Royal Naval College calendar ... 1916-1921. 1 6v.1

Discontinued, due to the closing of the College in 1922.

Special Publications

Canadian naval regulations. 1927. 406p.

The Canadian Navy and how to join it. ?1 ?1

King's regulations and Admiralty instructions. 1926-1932. 2v.

Naval discipline act. 1866. 40p.

Orders and instructions for the Royal Canadian Volunteer Service. 1930. 183p.

Particulars of entry of officers in the Royal Canadian Naval Reserve. 1929. 4p.

Particulars of entry of officers in the Royal Canadian Naval Volunteer Service. 1932. 4p.

Particulars of entry of officers in the Royal Canadian \tilde{x}_{avy} . 1932. $2\tilde{q}_{p}$.

Particulars of entry of ratings in the Royal Canadian Maval Reserve. 1933. 4p.

Particulars of entry of ratings in the Royal Canadian Naval Volunteer Reserve. 1927. 4p.

Particulars of entry of ratings in the Royal Canadian Navy. 1932. 2p.

Regulations and instructions for the Royal Canadian Naval Reserve. 1932. 101p.

Regulations for the entry of naval cadets. ?1 ?1

Regulations for the entry of naval instructions and of medical officers. ?1 ?1

^{1.} Items marked by ? are unknown because the publication is not available for examination.

National Defense, Dept. of

Note: For titles that ceased publication before 1923, see Air Board, Dept. of Militia and Defense and Dept. of Naval, Service.

Serials

Aeronautical Engineering Division. Information circular. 1923-1925. no.1-25, 1st series; 1926, no.1-17, 2nd series; 1927, no.1-24, 3rd series; 1928, no.1-22, 4th series.

Airways bulletin. 1932- no.1-

General information relating to the Air Service.

Canadian defense quarterly. 1923- [v.1-]

General orders, Militia and Air Services. 1899- [v.l-]

From 1899-1922 issued by the Dept. of Militia and Defense.

List of officers, defense forces of Canada, Naval, Military and Air Services. 1930- [v.1-]

Issued annually in two parts. Continues Militia list and Canadian navy list.

Militia list. 1881-1929. v.

Preceded by Dept. of Militia and Defense. Militia list and continued by Dept. of National Defense. List of officers, defense forces of Canada..., 1930-

Militia orders. 1923- v.1-1

Preceded by Militia general orders, 1868-1898 and by Militia orders, 1900-1922, which were issued by the Dept. of Militia and Defense.

Naval general orders. 1930- [v.l-]

Report, Militia and Air Services. 1924-1932. 69v.

Prior to 1924 issued as Dept. of Militia and Defense. Report, and continued by Dept. of National Defense. Report, 1933-Issued also in Sessional papers.

Report, Naval Service. 1924-1932. [9v.]

Prior to 1924 issued as Dept. of Naval Service. Report, and continued by Dept. of National Defense. Report, 1933-Issued also in Sessional papers. Issued also in French.

Report on civil aviation. 1924-1932. [9v.]

Prior to 1923 issued as Air Board. <u>Report</u>, and continued by Dept. of National Defense. <u>Report</u>, 1933-

Technical memorandum. 1928- [v.l-]

Issued by the Aeronautical Engineering Division.

Special Publications

Air regulations. 1930. ?1

Battles and other engagements in which Canadian troops participated, 1914-1919. [1928] ?1

Issued as General order no.7, 1928.

The C.A.M.C. with the Canadian corps during the last hundred days of the Great War, by Col. A.E. Snell. 1924. 292p.

Canada in Flanders, by Sir Wax Aitken. London, Canadian War Records Office, ?1 ?1

Issued also in French.

- The Canadian Forestry Corps, C.W. Bird and Lieut. J.B. Davis. London, H.M. Stationery Office. ?1 ?1
- Inscription on panels in the Memorial Chamber, Farliament Buildings, Ottawa, by Col. A. Fortesque Duguid ... ?1 ?1
- Notes on aerodrome development for airports private and intermediate aerodromes, seaplane ports and seaplane anchorage in Canada. Published by the Department of National Defense to facilitate a standard development. 1931. 66p.
- Official history of the Canadian Forces in the Great War, 1914-1919, Medical Services, by Sir Andrew Macphail. 1925. 425p.
- Regulations for Rifle Associations. 1924. (Reprinted with amendments up to G.O. 70 of 1926, and up to M.O. 508 of 1927) ... 1928. 38p.
- Regulations for the cadet services of Canada, 1928. 1928. 53p.

Issued also in French.

Report of the Ministry, Overseas Wilitary Forces of Canada, 1916.

I. Items marked by ? are unknown because the publication is not available for examination.

- 30 Canadian V.C's, by Theodore Goodrich Roberts. London, Canadian War Records Office. ?1 ?1
- The War story of the Canadian Army Medical Corps, by J[ohn]
 George Adami... London, Canadian War Records Office, [n.d.]
 286p.

Catalogues and Indexes

Index to General orders. ?1 ?1

Index to Militia orders. ?1 ?1

Bibliography

- Janada and its provinces ... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.
- lanada year book, 2nd series, 1913- Ottawa, King's Printer,
- lanadian almanac ... 1933, 1934. v.p., v.p., 1856?- w.l-
- Vational Defense, Dept. of Report, Militia and Air Services. Ottawa. King's Printer, 1924-1932. 19v.
- Vational Defense, Dept. of Report, Naval Services. Ottawa, King's Printer, 1924-1932. 19v.
- Revised statutes of Canada, 1927. 1927-1928. 5v.

^{1.} Items marked ? are unknown because the publication is not available for examination.

Department of Pensions and National Health

History and Functions

The Department of Pensions and National Health was constituted in 19281 and amalgamated the Department of Soldiers! Civil Re-establishment and the Department of Health, which are now designated respectively as the Pensions Division and the National Realth Division of this department.

Pensions Division

The predecessors of this division are the Military Hospitals and Convalescent Homes Commission and the Department of Soldiers! Civil Re-establishment. The former was created by order-in-council in June, 1915 for the purpose of establishing hospitals and providing for the care and subsequent absorption into civilian life of returned soldiers suffering from wounds or disease contracted during the War. In February, 1918 the Department of Soldiers' Civil Re-establishment was created by order-in-council to take over the duties of this commission, and was later constituted by statute. 2 This department continued and expanded the work of the Commission by establishing tubercular sanitaria and medical clinics, manufacturing artificial limbs and other prosthetic appliances, providing dental treatment and arranging for vocational training. In short within this department every phase of the care of the returned soldier was undertaken except the granting of

^{1. 18-19} Geo. V, Chap. 39. 2. 8-9 Geo. V, Chap. 42.

pensions and settlement upon the land, which were cared for by other governmental agencies. These functions are now performed without change by the Pensions Division of the Department of Pensions and National Health.

Canadian Pension Commission

The Board of Pension Commissioners for Canada was created by order-in-council in June, 1916 to deal with the granting of naval and military pensions to ex-service men and their dependents. It consisted of three men appointed by the Governor in Council to hold office for ten years, but eligible for reappointment. Various changes were made in pension rates by order-in-council which were incorporated in the Pension act of 1919. This act was amended in the following years: 1920, 1921, 1922, 1923, 1924, 1925, 1927, 1928, 1930, 1931, 1933 and 1934.

In 1933 the Canadian Fension Commission was created to supersede the Board of Fension Commissioners. It consists of not less than eight nor more than twelve commissioners, holding office for seven years, but eligible for reappointment.

The Board of Pension Commissioners and later the Canadian Pension Commission was charged with the operation of the <u>Returned soldiers!</u> insurance act², but all general administration, such as the collection of premiums, payment of claims and the keeping of records is in the hands of the Representative of the Treasury at departmental headquarters. Under this act persons who served in the military, nevel or air forces of Canada during the War and those of the Imperial or Allied forces who were domiciled in

^{1. 9-10} Geo. V, Chap. 43. 2. 10-11 Geo. V, Chap. 54.

Canada on August 4th, 1914 were enabled to obtain life insurance in amounts from \$500 to \$5,000,000 at lower rates than those quoted by insurance companies for similar insurance. This act, which was originally intended to operate only until September 1922, was finally extended until August 31, 1933.

The functions of the Commission have varied with the amendments to the <u>Pension act</u>, but its main function, that of receiving applications for and granting pensions has always remained. Until 1923 its jurisdiction in such cases was final, and the only appeal was a reconsideration by the Commission itself when additional evidence was presented, and the applicant was permitted to make such appeal in person.

Federal Appeal Board

This board was created in 1923¹ under an amendment to the Pension act, to consider appeals from decisions of the Pension Commission as to entitlement and those from the Department of Soldiers' Civil Re-establishment as to eligibility for treatment with compensation. Its decisions might be based only upon evidence that had been presented to the Board of Pension Commissioners. It consisted of from five to seven members appointed by the Governor in Council on the recommendation of the Minister of Justice. Applicants were entitled to one appeal and the decisions were final until 1930 when a new agency for appeal was created.

Pension Tribunal and Pension Appeal Court

By amendments to the <u>Pension act</u> in 1930 the Federal Appeal Board was superseded by two new bodies: The Pension Tribunal and

^{1. 13-14} Geo. V, Chap 62.

the Pension Appeal Court. The former consisted of twelve members who travelled in quorums of two of three to hear cases in all parts of Canada. Its function was not primarily the hearing of appeals, but rather the re-hearing with additional evidence of cases where pensions had not been awarded by the Board of Pension Commissioners, and to re-hear cases which had previously been decided by the Federal Appeal Board. In 1933 the Pension Tribunal was abolished and the Pension Commission was enlarged to permit quorums to travel over Canada in order that applicants for pensions may present their claims in person before the court of the first instance.

The Pension Appeal Court consists of three members and sits in Ottawa. It is empowered to hear and dispose of appeals by applicants or by the Crown in respect to decisions as to entitlement under section 3 of the Pension act, which deals with disability or death as the result of injury or disease attributable to or incurred during military service. It may also rule on interpretation of the Pension act on reference by the Crown or by leave of the Court. Two members constitute a quorum.

Veterans' Bureau

This bureau was organized in 1930 as a branch of the Department to assist in the preparation and presentation of claims for pensions. The work is under the control of the Chief Pensions Advocate and is carried on through Pensions Advocates in all the

districts of the Department. This expedites the award of pensions since the claims and evidence are more fully presented, and is of the greatest assistance to claimants and to the Commission.

War Veterans' Allowance Committee

This committee administers the War veterans' allowance act which provides for the care of totally incapacitated veterans over sixty years of age who have not an income sufficient for maintenance, and who have been domiciled in Canada for one year immediately preceding the date of application. The recipient must have served in a theatre of actual war, or, in the alternative, be in receipt of a pension or have accepted a final payment in lieu thereof, for a disability of 5 per cent or more. The Committee consists of a chairman and two other members, and the Deputy Minister of the Department of Pensions and National Health and returned soldier organizations must be represented. All facilities for administration are provided by the Department of Fensions and National Health.

National Health Division

Though the organization of departments of public health is of comparitively recent date, public health received attention in some form in the earliest days of the colonies. Prior to Confederation the care of public health consisted of enforcing legislation that was, in the main, enacted to prevent the spread of contagious diseases. The Public health act of 1849 provided

^{1. 12} Vict., Cap. 8.

that when epidemics occurred the Governor might issue orders for the care of the public health and might appoint a Central Board of Health of five members, to hold office for the length of time provided in the proclamation. During its existence such a board was empowered to enforce its resulations upon the general public and upon local boards of health. This ar angement for the care of public health endured until Confederation.

The British North America act made no mention of public realth, but the control of quarantine and the maintenance of marine hospitals was assigned to the Dominion Government. Though this left public health in a very indefinite state, a lairly adequate system was evolved through cooperation between the dominion and provincial governments. The administration of public health was assigned in 1868 to the Department of Agrisulture, and remained there until 1872, when the Public health act assigned here for administration, was repealed. However he supervision of health, for the most part, remained under he Department of Agriculture until the formation of the Departent of Health in 1919, and the Director General of Public Health nd the quarantine officers located at various points, all reorted to the Minister of Agriculture. Some phases of public ealth have been cared for by other departments, such as the upervision of food inspection by the Department of Inland evenue and the Department of Marine and Fisheries. During its xistence from 1909 to 1921, the Commission of Conservation undertook, through its Committee on Public Health, the control of water pollution, the harmonizing of health laws and the prevention and cure of tuberculosis. The Commission also organized the National Council of Health which advised the federal and provincial governments on matters pertaining to health.

In 1919 the Department of Health was constituted and its principal duties were as follows:

- a. Cooperation with provincial, territorial and other health authorities with a view to the coordination of the efforts proposed or made for preserving or improving public health, the conservation of child life and the promotion of child welfare
- b. The establishment and maintenance of a national laboratory for public health and research work
- c. The inspection and medical care of immigrants and seamen and the administration of marine hospitals
- d. The supervision, as regards public health, of railways, boats, ships and all other methods of transportation.
- e. me supervision of federal public buildings and offices with a view to conserving and promoting the health of the civil servants and other employees therein
- f. The enforcement of any rules made by the International Joint Commission so far as they relate to public health
- g. The collection, publication and distribution of information relating to public health, improved sanitation and social and industrial conditions affecting the health and lives of the people.

The act constituting this department provided for the organization of a Dominion Council of Health consisting of the Deputy Minister of Health as chairman, the chief executive officer of each of the provincial departments or boards of health

^{1. 9-10} Geo. V, Chap. 24.

and of such other jessons, hot as threed live as sucher, as may be opposit added the Gaven will Council, to when if ice for three years. The duties of this Council were left to the discretion of the Governor in Council, and up to the present time the Council has a nettened as a clearing home. For the stone arising decreed the various or maistations end as in work relating to health and between the health a provides in the reviscal and federal gov rame ats.

It was provided that the Department of Health should have no jurisdiction or control over provincial or aunicipal authorities lealing it. health.

Immigration medical officers of this department act merely as advisors to the Department of Immigration and Colonization and examine intending settlers in regard to health conditions.

They are stationed at certain points in the critish Isles and on the continent of Europe. At other points intending immigrants are examined by British doctors.

In 1920 when this department became the National Health Division of the Department of Pensions and National Health, the functions remained unchanged.

Organization

The Department is at present organized as follows:

Pension Division

Branches
Administrative
Medical Services
Representative Treasury
Orthopaedic and Surgical appliances
Purchasing
Architectural and Engineering

District Offices

Ten in number and
each under a district administrator

Overseas Office,
London

Canadian Pension Commission Chairman Seven members

Pension Appeal Court
President
Two members
Registrar

Pensions Advocates
Chief Fensions Advocate
Thirty-four Advocates located
in various parts of Canada

War Veterans' Allowance Committee
Chairman
Five members
Secretary

National Health Division

Branches

Administrative

Proprietary Patent Medicine:
Quarantine and Immigration Medical Services
There are six quarantine medical officers and six
immigration medical officers located in various

parts of Canada and one immigration medical officer

located in London, England.

Narcotic Food and Drugs

There are six food and drugs laboratories under the Chief Dominion Analyst and twenty-six inspectors of food and drugs are stationed in various parts of Canada Venereal Disease Control

Venereal Disease Control Marine Hospitalization Laboratory of Hygiene Public Health Engineering

Dominion Council of Health
Chairman, Deputy Minister of the Department of Pensions and National Health
Secretary
Fourteen members, each representing some provincial health organization

Officials of the Department

The principal officials of the department are:

Minister
Deputy Minister
Assistant Deputy Minister
Secretary to the Hinister
Director of Medical Services
Secretary, Pensions Division
Chief Administrative Assistant
Representative of the Treasury
Chief Executive Assistant,
Health Division

Health Division Secretary, Health Division Director of Orthopaedic Appliances and Vetcraft Purchasing Agent Architect Chief, Division Quarantine and Immigration Medical Services Chief, Proprietary or Patent Medicines Chief Dominion Analyst Chief, Larcotic Branch Chief, Laboratory of Hygiene

Chief Sanitary Engineer Chief, Division of Venereal Disease Contreal Supervisor of Marine Hospitalization

iblications of the Department of Pensions and National Health

Note: Unless otherwise stated all publications are issued

from Ottawa and by the King's Printer.

Publications of the pepartments preceding the present department are included in this list

Canada. Military Hospitals Commission

Serials

1916. no.1-3. Bulletin.

Reconstruction ..., see Dept. of Soldiers' Civil Re-establishment

1917. plv. 1 Report.

Special Publications

... The provision of employment for members of the Canadian expeditionary forces on their return to Canada and the re-education of those who are unable to follow their previous occupations because of disability: a plan submitted by the Secretary of the Military Hospitals and Convalescent Homes Commission, together with appendices dealing with similar work in England and the continent of Europe.

Issued also as Dessional paper 35a, 1916.

Report on how France returns ner soldiers to civilian life, [by Major J.A. Todd] 1916. 281 fol.

Type-written ms.

... Special bulletin, april 1916. [1916] 108p.

Includes various reports on the care of returned soldiers.

Canada. Soldiers' Civil Re-establishment, Dept. of

Serials

Back to mufti. 1919. v.l no.1.

Continues Reconstruction, 1917-1919.

Medical quarterly. 1919. v.l no.1-4.

Reconstruction ... a monthly bulletin ... 1917-1919. [v.1-]

Issued Nov. 1917-Jan. 1918 as <u>Bulletin</u> [of the] Military <u>Hospitals Commission</u>; continued as <u>Back to mufti</u>.
No issue for Dec. 1917 and Feb. 1918.

Report. 1918-1927. v.

In Sessional papers, 1918-1924; in Annual departmental reports, 1925.1927, and issued separately slso.

Special Publications

Canada's work for disabled soldiers ... [1919?] 149p.

Summary of activities of the Government of Canada in connection with the demobilization and re-establishment of members of the Canadian expeditionary force to 31st December, 1921. 1921. 58 fol.

Type-written ms.

Canada. Health, Dept. of

Serials

Abstracts of current public health literature, see Dept. of Pensions and National Health.

Little blue books, see Dept. of Pensions and National Health, Publications.

Report. 1898-1918. v.

1898-1918 as Report of the Director General of Public Health; continued by Dept. of Pensions and National Health. Report 1928-

Special Publications

Handbook of child welfare in Canada, edited by Helen MacMurchie for the year ended march 31st, 1922. 221p.

- ... Memorandum of regulation made by order-in-council under the food and drugs act, 1920. 1922. 30p.
- ... Memorandum of the Proprietary or patent medicine act (as amended by 9-10 Geo. V, Chap.66) ... 1923. 13p.

Quarantine regulations by order-in-council dated minth May, 1923... 1923. 56p.

- ... Regulations under the Food and drugs act made by order-in-council, 8th April, 1924 ... 1924. 53p.
- ... Regulations under the food and drugs act. Made by order-in-council 8th April, 1924, 16th September, 1924, 3rd February, 1925, 3cth March, 1925... [1928] 58p.

- ... Regulations under the Food and drugs act made by orderin-council april 8th, 1924, Deptember 16, 1924, February 3, 1925, March 30, 1925, March 19, 1926. 1928. 58p.
- ... Regulations under the Food and Drugs act made by order-in-council, rebruary 6, 1928 ... 1928. 100p.

Issued also in French.

... Vaccination by puncture. Method advocated by the Department of Health, Canada ... 1927. 4p.

Issued also in French.

Pensions and National Health, Dept. of

Serials

For titles that ceased publication before August, 1928, see Dept. of Health.

Abstracts of current public health literature. 1922-no.1-

Numbers before Aug., 1928 issued by Dept. of Health. Title varies.

National health review, published quarterly by the National Health Division of the Dept. of Pensions and National Health. 1933- v.1-

Publications. 1923- no.1-

Numbers before Aug. 1928 issued by the Dept. of Health.
A numbered series covering various phases of public health, and divided into the following sub-series: Mother's series, Home series, Household series, Leaflet series.
Early members have sub-title, The little blue books.

Report... 1929- [v.l-]

Continues Dept. of Health. keport, 1919-1927, and includes reports of Board of Pension Commissioners and Board of Federal appeal.

Special Publications

- An examination of cinchona and its commercial preparations. H.M. Lancaster... and A.L. Davidson... 1929. 12p.
- ••• Regulations concerning water for drinking and culinary purposes on common carriers engaged in international and interprovincial traffic •••• 1930• 5p•

Pension Jommissioners, board of

Serials

Report. 1926-1928. [7v.]

Special Fublications

Information on pensions. Intended specially for the use of members and ex-members of the Canadian military and naval forces. [1919?] 4p.

Federal Appeal Board

No publications issued.

Pension iribunal

No publications issued.

Pension Appeal Court

No publications issued.

Catalogues and indexes

Canada. Pensions and National Health, Dept. of. List of publications ... Ottawa, King's Frinter, ? ?

Undated lists issued at irregular intervals. Preceded by similar lists issued by the Dept. of Health.

Bibliography

Canada. Health, Dept. of. Aeport. Ottawa, King's Printer, 1919-1928. v.

Canada. Pensions and National Health, Dept. of. Report. Ottawa, King's Printer, 1929- [v.1-]

Canada year book, 2nd series, 1919- Ottawa, King's Printer, 1906- N.1-

Canadian almanac ... 1933. v.p., v.p., 1856? [v.1-]

Canadian annual review of public afrairs, 1919- Toronto, Review Publishing Co., _td, 1902- [v.1-]

Heagerty, John J. Four centuries of medicine in Canada and a sketch of the medical nistory of Newfoundland. Toronto, Mac-millan, 1928. 2v.

Provincial statutes of Janada, 1848-49. Montreal, Stewart Derbyshire and George Desbarats, 1849. 1144p.

Statutes of Canada, 1919, 1919-20, 1923, 1928, 1930. Ottawa, King's Printer, 1867- [v.1-]

CHAPTER XVII

NATIONAL RESEARCH COUNCIL FOR CANADA COLMISSION OF CONSERVATION THE GEOGRAPHIC BOARD OF CANADA LIBRARY OF PARLIAMENT

National Research Council of Canada

History

At the suggestion of the Government of Great Britain that some means be adopted in Canada for meeting the need for scientific and technical research occasioned by the World War, a sub-committee of the Privy Council for Canada was appointed to devise measures for the promotion of scientific research. This committee was composed of the Minister of Trade and Commerce, as chairman, and of the Ministers of the Interior, Agriculture, Mines, Inland Revenue and Labour. The result of their deliberation was the establishment, in 1915, of an Honorary Advisory Council for Scientific and Industrial Research.

The Council, with the exception of the chairman, served without remuneration, and were charged with the following duties:

- a. To ascertain and tabulate the various research agencies in Canada
- b. To co-ordinate all research agencies in order to avoid overlapping
- c. To tabulate the technical and scientific problems that confront present industries
- d. To study the natural resources of Canada and the byproducts of all basic industries
- e. To increase the number of trained research men
- f. To stimulate the public mind in regard to the importance and utility of scientific research and its application

In 1917 the Council was permanently organized by statute, but in 1924 this act was repealed and a new Research Council act was passed which stipulated that the Council consist of not more

^{1. 7-8} Geo. V, Chap. 20 2. 14-15 Geo. V, Chap. 64

than fifteen members who, with the exception of the President, were to serve for three years, and that not more than four were to retire during any one year, but that all be eligible for reappointment. The members, with the exception of the president, were still to serve without reguneration, but the scope of their duties and powers was enlarged at this time.

In 1932 a National Research Laboratories building was completed, which has been of freat advantage to research workers, which and, up to this time, been obliged to use existing laboratories, which in some cases, could ill be spared by the departments to which they belonged.

The official title of the Council is still the Honorary Advisory Council for Schemiffs and Leadming Acceptant, but it is now always designated as the National Research Council of Council.

netions

The functions of the Council as outlined by the statute of 1924 are:

- a. Promotion of the utilization of the natural resources of Canada
- b. Improvement of technical processes and methods in indestry, and the discovery of processes and methods which may promote the expansion of existing industries and the development of new ones
- c. Investigation of standards and methods of measurement
- d. Standindization of apparatus, macribery and materials used in the government service
- e. Taking charge of recerrches, standardization or investigations for industrial firms, when they so request

^{. 14-15} Geo. V, Chap. 64.

- f. Appointment of scientific and technical officers to carry on the work undertaken by the Council
- g. Publishing scientific and technical information as it is deemed necessary

Organization

The work of the Council is at present organized as follows:

Branches

Laboratory Investigations. Informations Service Associate Committees Assisted Researches Post Graduate Scholarships and International Activities

Officials

President
Director, Division of Biology
and Agriculture
Director, Division of Chemistry
Secretary-Treasurer

Director, Division of Physics
and Engineering
Director, Division of Research
Information

Laboratory Investigations. Information Service

This service has been organized to deal with requests for technical information from research workers, the preparation of scientific reports and bibliographies, the maintenance of the National Research Library and with responsibility for the publications of the Council. The Library is still small, but it is planned to build up a first class research library.

Associate Committees

These committees are of two classes, those whose runction it is to advise on questions referred to them by the Council, and those that undertake to supervise or directly conduct research on problems assigned to them. They consist largely of university professors and of technical and scientific workers in important industrial concerns. At present (1933)

there are thiry such committees, and aside from the staff of the National Research Council, all serve withour remuneration. Their investigations cover such subjects as: tuberculosis, animal diseases, bio-physics, asbestos, coal classification, field crop diseases, grain research, radio, smelter smoke, wool growing, etc.

Assisted Researches

These researches are carried on in laboratories other than those of the National Research Council, but are assisted by the Council, by means of grants. One hundred of such researches are under way (1933) in ten Canadian universities and fifteen government and industrial laboratories. They cover many agricultural and engineering subjects and others in the field of pure science.

Post Graduate Research Scholarships

The purpose of these scholarships is to give further specialized training in scientific research to graduates of Canadian universities, in order to further the cause of scientific research in Canada. They are of four classes, having an annual value of \$750, \$1000, \$1200 and \$1750 respectively, and are awarded according to the academic standing and experience of the applicant, the largest amount being awarded only to applicants who hold a Ph.d. degree, and who wish to continue in foreign countries. Only one of the last has yet been awarded and recently all have been cut about 50 per cent.

International Activities

Such activities consist of attendance at scientific meetings and in keeping in touch with researches undertaken in other countries, especially those within the Empire, in order to avoid duplication of effort. This last activity consists in membership in national and international organizations such as the Wool Industries Research Association, the Linen Industry Research Association, etc.

Publications of the National Research Council of Canada

Note: Unless otherwise stated all publications are issued from Ottawa and by the King's Printer.

Canada. National Research Council.

Serials

Annual report. 1918. [v.l-]

Title varies.

Includes an account of the activities of the Council during the year, a list of the scholerships granted, a list of researches in progress, a list of former researches and a list of the publications of the Council.

Bulletin 1918- no.1-

This series publishes the results of special studies made under the supervision of the Council and general information about its organization and work.

Published at irregular intervals.

Canadian journal of research. 1929- v.1-

The first two numbers were bi-monthly; subsequent numbers monthly, with two volumes annually.

Publishes scientific papers prepared under the auspices of the Council and some others that are considered of importance.

^{1.} For a list of the titles of these publications see, the appendices to the <u>Annual reports</u> for the years, 1918-

Report. 1918- no.1-

A numbered series which includes the results of researches made under the auspices of the National Research Council of Canada.

Issued at irregular intervals.

Special Publications

Note: The special publications of the Council are very numerous, but the majority of them are not for distribution, so, on the advice of the Council, are not included here. Most of them are in mimeographed form, and may be consulted in the Library of the Mational Research Council. The following list includes mimeographed papers of members of the staff of the National Research Council, the third item being the only exception.

Abstracts on protective inoculation with B.C.G., by M.E.. Whalley. 1931. 89p.

Alternating current supply and tariffs with particular reference to power factor, by R. Ruedy. 1931. 52p.

Bibliography on wool, by M.E. Whalley. 1927. 174p.

Catalogue of scientific periodicals in Canadian libraries, prepared by Gerhard R. Lomer and Margaret S. Mackay.

Montreal, McGill University, 1924. 255p.

Published in cooperation by the National Research Council and McGill University Library.

Di-and tri-chlorethylene; their fire and health hazards and uses, by C.A. MacConkey. 1932. 37p.

Fowl paralysis, by M.E. Whalley. 1932. 43p.

Industrial uses of anhydrite, by C.A. MacConkey. 1931. 90p.

Malt. by C.A. MacConkey. 1933. 13p.

Mastitis in cows, by M.E. Whalley. 1932. 78p.

Methods of rapid tanning - A review, by W.E. Graham. 1931. 24p.

Plan of research on the utilization of agricultural surpluses and wastes, by S.J. Cook. 1932. 100p.

^{1.} For a list of the titles of these publications, see the appendices to the Annual reports for the years, 1918-

Preliminary report on the use of grain alcohol in motor fuel in Canada, by C.Y. Hopkins, together with a report on engine tests of alcohol-gasoline blends, by M.S. Kuhring. 1933. 77p.

Revised, June, 1933.

Problem of helium production in Canada, by R. Ruedy. 1932. 56p.

Recent work on lithium and its uses, 1927-1933, by R. Ruedy. 1933. 34p.

Report on the industrial uses of peat (other than fuel), by S.J. Cook and R. Ruedy. 1930. 21p.

Review of the reports of the British Leather Manufacturers' Research Association, by W.E. Graham. 1931. 26p.

Selenium, by C.A. MacConkey. 1933. 34p.

Synopsis of organization and research activities of the National Research Council of Canada. 1930. 8lp.

Use of iodine as a preventive of goitre, by M.E. Whalley. 1931. 134p.

Utilization of tobacco waste, by M.E. Whalley. 1933. 43p.

Catalogues and Indexes

A list of the printed publications of the National Research Council is included in the annual reports of the Council for each year, and a complete list of its publications is now in preparation

Bibliography

Canada. National Research Council. Annual report. Ottawa, King's Printer, 1918- [v.l-]

Canada year book, 2nd series, 1917- Ottawa, King's Printer, 1906- [v.1-]

List of the serial publications of foreign governments, 1815-1931.

Edited by Winifred Gregory. N.Y., H.W. Wilson Co., 1932. 720p

Revised statutes, 1927. Ottawa, King's Printer, 1927-1928. bv.

Statutes of Canada, 1918. 1918. v.p.

Same. 1924. v.p.

Commission of Conservation

story.

The conservation of the natural resources of Canada had been a subject of discussion for sometime before the organization of the Commission of Conservation, and it had been successed that a Committee be appointed to take charge of the work. Another suggestion was that instead of one committee, there should be several, each devoting its time to conservation in one field, e.g. forestry, minerals, land, etc. The event that brought the question to a decision was the invitation of the President of the United States, in 1909, to meet in Washington with representatives from the United States, Newfoundland and Lexico to consider the conservation of the natural resources of the North American continent without regard to national lines. This conference aroused a great deal of interest, and the creation of permanent commissions of conservation was suggested. The Canadian Parliament passed an act in 1909 creating such a commission and providing for its organization, duties and powers.

During the years of its service, 1909-1921, the Commission was very active, in its field, but in 1921 the act which created it was repealed, and the Commission dissolved. This action was due to the fact that the work of the Commission was costly, and that there was a large amount of duplication of its work in other governmental departments.

inctions

The Commission was an advisory and inquisitorial body, and had no final jurisdiction in the fields of its investigation, so

^{1. 8-9} Edw. VII, Chap. 27.

that its work took the form of investigation, the collection of information and the reporting of findings. The subjects covered were in general: forestry, water resources, land, mining, public health, town planning and problems arising from war conditions such as food, soils, fertilizers, etc.

The findings of the Commission were given to the public in addresses and printed publications.

Organization

The Commission consisted of thirty-two members, twelve of whom were ex officio and the others nominated members. An effort was made to compose the Commission of as representative a group as possible, that is, one that should represent all classes and interests concerned with the conservation of natural resources. In addition the following points were considered in relation to the appointment of members: administrative experience in dominion and provincial affairs, scientific knowledge and business enterprise. The ex officio members were the ministers of Agriculture. the Interior and Mines, of the Dominion Cabinet, and the officials of each of the provincial governments who were charged with the administration of natural resources.

The work of the Commission was divided among the following committees:

Committee on Forests Committee on Fisheries, Game and Fur-bearing Animals Committee on Minerals Water and Water-power Committee Town Planning Committee

Committee on Lands Committee on the Press and Cooperating Organizations Public Health Committee

officials of the Commission of Conservation

Chairman
Deputy Head and Assistant
Chairman
Cown-planning Adviser
Chief Forester
Lydro-electric Engineer

Consulting Engineer Agriculturist Assistant Secretary Chief Editor Economic Adviser

lications of the ommission of Conservation

ote: Unless otherwise stated all publications are issued from Ottawa and by the King's Printer.

anada. Conservation, Commission of

Serials

Conservation; monthly bulletin. 1912-1921. .lv.

Report of the annual meeting... 1910-1919. [10v.]

In Sessional papers, 1911-1918; issued separately also,

Includes addresses and committee reports. Appendices give additional matter relating to conservation of natural resources. Issued also in French.

Town planning and conservation of life. 1914-1921. v.1-7, no.1.

V. 1-5 as Conservation of life.

Special Publications

Note: Many publications are included in the Annual reports and are printed separately also.

Administration of the Agricultural instruction act, by C.C. James. 1915. 15p.

Agricultural conditions in Janaga, 1911, by J.m. mabertson and F.C. Nunnick. 1912. 41p.

Agricultural survey, 1912, by F.C. Nunnick. 1913; 22p.

Same. 1913. 1914. 55p.

Agricultural surveys and illustration farms, by F.G. Nunnick... 1915. 15p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Agricultural work in Ontario, by C.C. James. 1911. 350 Bound with Hodgetts.C.A. Unsanitary housing.

Altitudes in the Dominion of Canada, 2nd ed., by James White and G.H. Ferguson. 1915. 603p.

First edition was published by the Geological Survey.

Animal sanctuaries in Labrador, by Lt.-Col. William Wood. 1911. 38p.

Supplement. 1911. 38p.

Attracting wildfowl, by Jack Miner. 1919. ?1

The Biological Board of Canada, by Dr. E.E. Prince. 1913. 14p.

Bird conservations in Labrador, by C.W. Townsend. 1916. 9p.

Bird reservations, by T.G. Pearson. 1916. 8p.

The Canadian oyster industry, by M.J. Patton. 1911. 20p.

The Canadian oyster, its development and culture, by Joseph Stafford. Ottawa, Mortimer Co., 1913. 159p.

Carbonizing and briquetting of lignite, economic possibilities, by W.J. Dick. 1917. 24p.

Civic Improvement League for Canada-Report of preliminary conference... Ottawa, Printed by the Mortimer Co., 1916. 48p.

Civic improvement- keport of Conference of the Civic Improvement League of Canada. 1916. 73p.

Classification of the crown Lands of New Brunswick, by P.Z. Caverhill ... 1917. 11p.

Conditions im the clay belt of New Ontario, by Dr. B.E. Fernow. 1913. 30p.

La conservation des traditions nationales, [par] Mgr. C.P. Choquette. ?1 ?1

Conservation in 1918, by James White. 1919. 88p.

Conservation of agricultural resources, by Dr. J.W. Robertson. 1910. 20p.

Conservation of birds and mammals, by Dr. C. Gordon Hewitt.

^{1.} Items marked by ? are unknown because the publications is not available for examination.

- Conservation of Canada's inland fisheries, by J.B. Feilding, 1915. 14p.
- Conservation of coal in Canada, with notes on the principal coal mines, by W.J. Dick. Toronto, n.p., 1914. 212p.
- Conservation of fish, birds and game ... Toronto, Methodist Book Publishing House, 1916. 217p.

Issued also in French.

- Conservation of man-power in Canada, by Dr. P.H. Bryce. [n.d.]
- Conservation of our northern mammals, by Dr. C. Gordon Hewitt.
- Conservation of soil fertility and soil fibre. Report of Conference held at Winnipeg, Manitoba, July 14, 15 and 16, 1920. 1920. 89p.
- Conservation of the fur resources of northern Canada, by Dr. C. Gordon Hewitt. 1917. 4p.
- Conservation of the natural resources of Ontario, by the Hon. Frank Cochrane. ? ? ? 1
- Conservation of the water powers of Ontario, by Adam Beck. 1910. 18p.
- Conservation of wild life in Canada, by Dr. C.G. Hewitt. 1918. 35p.
- Control of bovine tuberculosis, report of International Commission. 1910. 41p.
- Cooperation in forestry, by Dr. B.E. Fernow. 1915. 9p.
- Cooperation in the fishing industry, by N.S. Cornell. 1916. 8p.
- Cooperation in the regulation of the fur trade, by J.A. Bellisle. 1919. 8p.
- Dictionary of altitudes, 2nd ed., by James White. 1915. 252p.
 - First edition published by the Dept. of the Interior.
- Discovery of phosphate of lime in the Rocky Mountains, by Frank D. Adams... and W.J. Dick... Ottawa, The Ottawa Printing Co., 1915. 36p.
- Diseases of forest trees, by H.F. Gussow. 1910. 10p.
- Effect of repeated forest tires upon the reproduction of commercial species in reterborough County, Ontario, by C.D.Howe. 1913-1914. 44p.

^{1.} Items marked by a are unknown because the publication is not available for examination.

Electric generation and distribution in Canada, by Leo G.Denis. 1915. 296p.

Issued also in French.

Electrification of railways, by S.T.Dodd. 1918. 19p.

Epidemics of typhoid fever in the city of Ottawa (Jan.1st to March 19th, 1911), by Dr.Clias, N.B.Canada. 1911. 11p.

Essential features of a successful fire protection organization, by H.R.McMillan. 1915. llp.

A farm sanctuary, by Edith R. Marsh. 1919. 3p.

Farmer's account book, by F.C. Nunnick. [n.d.] 24p.

Issued also in French.

Fertilizers and their rise in Canada, by Frank T. Shutt. 1917. 15p

Fire prevention and fire protection, by F.H.Wentworth. 1916. 14p.

Fire protection from the private timber owner's viewpoint, by Ellwood Wilson. 1916. 9p.

Fire protection from the standpoint of the railways, by A.D. MacTier. 1915. 8p.

Fire protection in dominion parks, by J.B. Harkin. 1916. 11p.

... Fire waste in Canada, by J.Grove Smith. 1918. 319p.

First draft of Town-planning act, prepared by a committee on town-planning and housing legislation... Ottawa, Ottawa Printing Co., 1914. 16p.

Fish and game in Ontario, by Kelly Evans. 1910. 8p.

Fishways in the inland waters of B.C., by A.V. White. 1918. 14p.

...Forest conditions of Nova Scotia, by B.E.Fernow ... assisted by C.D.Howe... and J.H.White; published by permission of the Department of Crown Lands, Nova Scotia. 1912. 98p.

Issued also in French.

Forest fires and the brush disposal problem. 1915. 68p.

Forest progress in Canada in 1917. 21 21

Forest protection in Canada, by Clyde Leavitt, Dr. Howe and J.H. White. Toronto, Printed by the Bryant Press, 1913-1915. 2v.

Issued also in French.

Forest regeneration on certain cut-over pulp woods in Quebec, by C.D. Howe. 1918. 15p.

Forestry on dominion lands, by J.H. White. 1915. 48p.

Forestry progress in Canada is 1917, by olyde Leavitt. 1918. 20p.

Forestry progress in Canada in 1919, by Clyde Leavitt. ?1 ?1

Forestry situation in Quebec, by G.C. Piché. 1915. 7p.

... Forests of British Columbia, by H.N.Whitford and Roland Craig ... under the direction of Clyde Leavitt ... 1918. 409p.

Fuels of western Canada and their efficient utilization, rev.ed., by James White. 1918. 43p.

Fur-bearing animals in Canada, by F.T. Congdon. 1910. 9p.

Fur-farming in Canada, by J.W. Jones. Montreal, Gazette Printing Co., 1913. 166p.

Issued also in French.

Same, 2nd.ed. 1914. 278p.

Fur resources of northern Canada, by C. Gordon Hewitt. ? 1 31

Fur statistics by R.H.Coats. ?1 ?1

Game resources of Canada, by E. ~. Carbonnell, J.A. Knight and E.D.T. Chambers. 1911. 47p.

Garbage as feed for hogs. [n.d.] 15p.

... Goitre; its incidence, course, causation, prophylaxis and treatment. Some remarks on the anatomy and physiology of the thyroid gland and on enlargement of the thyroid usually called goitre... by Francis J. Shepherd...

Handbook for farmers, by F.C. dun. ick and E.P. Bradt. 1918. glm.

Housing and town-planning in Canada, by Thos. Adams. 1915. 21p.

Importance of a permanent policy in stocking waters, by H.W. Titcomb. 1918. Ilp

Importance of bore-hole records and capping of wells, by W.J.Dick. 1914. 14p.

Improvement and maintenance of public health, by Dr. P.H. Bryce. 1910. 23p.

The influenza epidemic, 1918, by Dr. C.A Hodgetts. ?1 ?1

Insect food of fresh water fishes, by Dr. C.G.Hewitt. 1913. 12p

1. Items marked by a are unknown because the publication is not available for examination.

Insects destructive to Canadian forests, by Dr. C.G. Hewitt. 12 ?

Instructions relating to the gathering of certain preliminary information respecting water powers, by A.V.White. 1912. 31p.

Lands, fisheries and game, minerals, 1911. Ottawa, The Mortimer (Co., Ltd., 1911. 519p.

Issued also in French.

Long Sault Rapids, St.Lawrence River; an enquiry into the constitutional and other aspects of the project to develop power therefrom, by A.V.White. 1913. 384p.

Tsaued also in French.

The migratory bird treaty, by E W. Helson. 1919. 8p.

... Mine-rescue work in Canada, by W.J.Dick... 1912. 50p.

.. Issued also in French.

Museums as aids to forestry, by Dr. H.I.Smith. 1916. 5p.

... National conference on conservation of game, fur-bearing amimals and other wild life. Under the direction of the Commission of Conservation in cooperation with the Advisory Board on Wild Life Protection. 1919. 183p.

Issued also in French.

Fational Council of Women and conservation, by Mrs. A.M. Plumptre.

Mational domain in Canada and its proper conservation, by F.D. Adams. 1915. 48p.

Mecessity for uniform laws for sanitary plambing, by J.W.Bruce.

The need and value of local organizations, by S. Harris. ?1 ?1

The need of nation-wide effort in wild life conservation, by Dr. C.Gordon Hewitt. 1919. 11p.

'iagara power shottage, by A.V. White. 1918. 9p.

Borth Atlantic fisheries dispute, by James White. 1911. 62p.

Note on the Canadian "Pactolus", by Mgr. C.P.Choquette. ?1 ?1

No English edition

Our mineral resources and the problem of their conservation, by Dr. F.D.Adams. 1915. 20p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Cyster farming in Prince Edward Island, by M.J.Patton. 1:13. 14p.

Papers relating to the application of the sanitary district of Chicago for permission to divert 10,000 cubic feet of water per second from Lake Michigan, prepared by James White and Arthur V. White. 1912. 270p.

Peat as a source of fuel, by E.E.R. Haanel. 1918. 16p.

Plea for city planning organization, by G.F.Beer. 1914. 15p.

Possible economies in production of minerals of Canada, by Dr. Eugene Haanel. 1910. 18p.

Power in Alberta, by James White. 32p.

Power possibilities of the St.Lawrence River, by Arthur V.White... 1918. 10p.

Preliminary report of the Committee on Town Planting Legislation, by Col.Jeffrey H.Burland. ?1 ?1

Prevalence of venereal diseases in Canada. 1917. 30p.

Prevention of the pollution of Canadian surface waters, by T.A.Murray. 1912. 24p.

Issued also in French.

Problem of the halibut, by Wm.H. Thompson. 1916. 20p.

Problems relating to the mineral industry of Canada, by W.J. Dick. 1917. 19p.

Production and preservation of food supplies, by Dr.P.H. Bryce. 1917. 32p.

Protection of birds, by C.Gordon Hewitt. 2 ?1

Protection of migratory birds, by W.S.Haskell. 1914. 8p.

Protection of the sea-fowl in the Gulf of St.Lawrence, by J.M.Clarke. 1915. 11p.

... Protest against further diversion of water from Lake Michigan for the Chicago Drainage Canal ... Ottawa, R.L. Crain Co., 1912. 27p.

... Pulverized fuel, its use and possibilities, by W.J.Dick... 1919. 57p.

Pure water and pollution of waterways, by Dr.C.A.Hodgetts. 1910. 54p.

The rational use of game animals, by Dr.W.T. Hornaday. 1919. 11p.

[.] Items marked by ' are unknown because the publication is not wailable for examination.

- Re papers relating to the diversion of water from Lake Michigan by the Sanitary District of Chicago. 1912. 7p.
- Refuse collection and disposal, by Jr. C.A. Hodgetts. 1913. 12p
- Regional planning, by Thomas Adams. ?1 ?1
- Relation of Indians to wild life conservation, by Duncan Campbell Scott. ?1 ?1
- Report of the Conference of the Civic Improvement League of Canada, held at Ottawa, Jan. 20, 1916. 1916. 73p.
- Report of the epidemic of typhoid fever occurring in the city of Ottawa, January 1st to March 19th, 1911. Ottawa, The Grain Co., 1911. 48p.
- Report of the preliminary and 2nd conference of the Civic Improvement League for Canada, 1915-1916. 2v.
- Report of the preliminary conference to form a Civic Improvement League for Canada, held at Ottawa, Nov. 19, 1915. ?1 ?1
- Reproduction of commercial species in Peterborough County, Ontario, by C.D. Howe. ?1 ?1
- The reproduction of commercial species in the southern coastal forests of British Columbia, by Dr. G.D. Howe. 1915. 21p.
- Rural planning and development, a study of rural conditions and problems in Canada, by Thomas Adams. 1917. 33lp.

Issued also in French.

- Rural production and development, by Dr. J.W. Robertson. 1917. 12p.
- Salmon fisheries of British Columbia, by Dr. J.P. McMurrich. 1913. 13p.
- Salmon fisheries of the Fraser kiver district, by J.P. Babcock. 1918. 15p.
- Scientific forestry in Europe, by Dr. B.E. Fernow. 1910. 15p.
- Sea fisheries of eastern Canada... Ottawa, Mortimer Co., 1912. 212p.

Issued also in French.

The smoke nuisance, by R.P. Benner and J.J. O'Connor, Jr. [n.d.] 19p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Town planning draft act, rev.ed. 1915. 32p.

Trent watershed survey, a reconnais ance by C.D. Howe and J.F. White with an introductory discussion by B.E. Fernow. Toronto, Bryant Press, 1913. 156p.

Tuberculosis, a disease of insanitary living, by Dr. P.H.Bryse. 1918. 7p.

. Urban and rural development in Canada; report of conference held at Winnipeg, Map 28-30, 1917. 1917. 98p.

Use of commercial fertilizer, by M.J. Wheeler ... 1917. 9p.

Utilization of fish waste in Janada, by J.B. Feilding. 1918

Utilization of some of our non-metallic mineral resources, by Dr. Eugene Haanel. 1915. 20p.

The war and game, by John B. Burnham. ?1 ?1

Water power and fuel problems, by A.V. White. ?1 ?1

Water powers of British Columbia, including a review of water power legislation relating thereto and a discussion of various matters respecting the utilization and conservation of island waters, by A.V.White. 1919. 6中p.

Bibliography, p.602-620.

... Water powers of Canada, by Leo G. Denis ... and Arthur V. White ... Ottawa, The Mortimer Co., 1911. 397p.

Issued also in French.

Water-powers of Manitoba, Saskatchewan and Alberta, by L.G.

Denis; with, additional data respecting water-powers of southern Manitaba and Bow River, by L.G.Denis and J.J.Chalifes.

[n.p., 1916 334p.

Whitefish in the Great Lakes..., by C.W.Gauthier, A.D. uveil and E.T.Garbonnell. 1911. 48p.

Wild life, its conservation and protection. ?1 ?1

Wild life sanctuaries, by J.B.Harkin. 1919. 7p.

Wood fuel to relieve the coal shortage in eastern Canada, by Clyde Leavitt. 1918. 16p.

Issued also in French.

Work of the Ontario Association for the Promotion of Technical Education, by R.D. Fairbairn. 1915. 7p.

^{1.} Items marked by ? are unknown bec use the publication is not available for examination.

Catalogues and Indexes

- Canada. Conservation, Commission of Catalogue of publications, rev. to Dec. 1. 1913. Ottawa, King's Printer, [n.d.] 35p.
- Canada. Conservation, Commission of Publications of the Committee on Public Health. 1910-1912. 3v. in 1.

Bibliography

- Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co., 1914-1917. 23v.
- Canada. Conservation, Commission of Report ... Ottawa, King's Printer, 1910-1921. rlCv.
- Canada year book, 2nd series ..., 1913-1921. Ottawa, King's Printer, 1906-v.l-1
- Canadian annual review of public afrairs, 1909-1921. Toronto, Canadian Review Co., 1902-10.1-1

The Geographic Board of Canada

For many years Canadian geographic names followed the rules of the Royal Geographic Society, at the request of the Colonial Office, but it was found that with no gov-rnmental body to enforce these rulings, many inconsistencies and duplications in geographic nomenclature appeared, causing difficulties and misunderstandings, particularly for the map makers in the various governmental departments. The first movement toward standardization of geographic names was made by the Dominion Land Surveyor's Association, who at their annual meeting in 1888, appointed a committee to confer with the Surveyor-General, the Geological Survey and the Hydrographic Survey on the subject. This resulted in the presentation of a set of rules for the spelling and pronunciation of geographic names, to the Minister of the Department of the Interior. The report then presented was adopted by this department, and the work of revising the nomenclature for the North-West Territories was undertaken. It was soon found, nowever, that to establish uniformity, some system must be devised that would insure the co-operation of all man-making departments, which, after many intermediate steps resulted in the establishment, by order-in-council, of the Geographic Board of Canada.

ographic Board of Canada

As constituted on December 18, 1897, the Board was to consist of one member each from the following departments: The Geological

^{1.} Canada gazette, Jan.-June, 1898, p.2916.

Survey, Department of Railways and Canals, Post Office and Marine and Fisheries Department, and of the Surveyor-General of Dominion Lands and a member of the Department of the Interior, who was to act as secretary. It was given the power to elect its own chairman. This Board was designated as the final authority in the nomenclature and orthography of the geography of Canada. In 1922 an order-in-council further empowered the Board to investigate and advise on the making of new maps in all governmental departments, in order to avoid duplication and to secure uniformity in scales, symbols, the use of colors, methods of reproduction, etc. The wor of the Board has been highly successful and has resulted in a number of valuable and interesting publications.

Publications of the Geographic Board

Note: Unless otherwise stated all publications are issued from Ottawa and by the Queen's or King's Printer.

Canada, Geographic Board

Serials

Report. 1898- [v.1-]

1898-1912 issued as supplements to the annual reports of the Department of Marine and Fisheries; 1913— as supplements to the annual reports of the Department of the Interior.

18th report includes all decisions to March 31, 1924, 19th report includes decisions from April 1st, 1924 to July 31st, 1927

with 12 supplements.

Each report includes a list of the members of the Board; the by-laws; decisions, and from 1904 on, an index to the decisions; rules of nomenclature and a record of the routine work of the Board.

Issued also in Sessional papers, 1899-1922.

Special Publications

iote: Many of the special publications are included in the annual reports of the Board, but are issued separately also.

sritish Columbia coast names; 1592-1906, to which are added a few names in adjacent United States territory, their origin and history, by John T. Walbran. 1909.. 546p.

catalogue of maps of Canada published between January 1st, 1922
and December 31st, 1924. 1925. 20p.

Natalogue of the maps in the collection of the Geographic Board; list of maps corrected to January 1st, 1918. 1918. 50p. maps.

same, corrected to 1st January, 1922. 1922. 100p. maps.

traphical index to the catalogue of the maps in the collection of the Geographic Board of Ganada, corrected to January lst, 1918. 12 sheets.

same, corrected to January 1st, 1922. 10 sheets.

andbook of the Indians of Canada. 1913. 632p. maps.

Appendix to the 10th report of the Geographic Board. Reprinted from Bulletin 30 of the Bureau of American Ethnology.

feaning of Canadian city names. 1922. 18p.

jomenclature of the mountains of Western Canada ... 1918. 4p. map.

n outline of the physical geography of Canada, by D.B. Dowling. 1915. 17p. map.

lace names in northern Canada, by James White. 1911. 224p. maps.

Includes:

List of the verious exploring expeditions to the waters of the Canadian Arctic and to Hudson Bay from 1576 to 1910
List of the officers of these expeditions
List of ships referred to in the list of Arctic officers
Place-names in northern Canada
Bibliography

lace-names in Quebec, by James White. 1911. 62p. map.

Place-nemes in the Thousand Islands, St. Lawrence River, by James White. 1910. 7p.

Catalogues and indexes are marked by an asterisk as an aid to inding them in the general list.

Place-names of Alberta, 1928, 138p.

Place-names of Manitoba. 1933. 95p.

Place-names of Prince Edward Island, with meanings, comp. by $\alpha.$ Douglas ... 1925. 200.

Place-names on Anticosti Island, Juebec, by Lt. Col. W.P. Anderson. 1922. 11p.
Place-names on Magdalen Islands, Juebec. 1922. ?1

Catalogues and Indexes

For catalogues and indexes of the publications of the Geographic Board, see entries marked by an asterisk.

Bibliography

- Canada gazette, 2nd series, Jan.-June, 1898. Uttawa, Queen's or King's Printer, 1867- v.1-
- Canada. Geographic Board. Report ... Ottawa, Queen's or King's Printer, 1898- [v.l-]
- Canada year book, 2nd series, 1913- Ottawa, King's Printer, 1906- [v.1-]
- List of the serial publications of foreign governments, 1815-1931.
 Edited by Winifred Gregory ... New York, n. W. Wilson Co.,
 1932. 730p.

^{1.} Items marked by ? are unknown because the publication is not available for examination.

Library of Parliament

story

Though the present Library of Parliament had its official beginning in 1871 when it was constituted by statute after Confederation, its actual be in ing antedates this period by many years. After the Act of union the library of the Parliament of Upper Canada was divided between the library of the Legislative Council and that of the Legislative Assembly. Each had its own librarian, and each was under the direction of the Speaker of the House to which it belonged. The Speaker was assisted in this duty by a committee appointed for the session. These libr ries had grown to be quite extensive, when all but two hundred volumes, were destroyed by fire in April, 1849, including a valuable collection on the early history of Canada assembled by George Barthélemi Faribault. The libraries were almost immediately reorganized as a single library, but the librarian for each House of Parliament was retained. In 1854 a second fire in Quebec City destroyed about half of the library. In 1895 the sum of about £9600 was voted for the building up of the liberry, and Mr. Alpheus Tode, then Librarian of the Legislative Assembly, was sent to Europe to gather materials. He succeeded in securing many valuable donations from the governmental departments in London, and others from private sources. These, added to the purchased material, did much toward restoring and building up the Library. In 1871 it was constituted on practically its present basis.

^{1. 34}Vict., Cap. 21.

Organization

By the statute of 1871 the supervision and direction of the Library was assigned to the Speakers of the Houses of Parliament, assisted during each session by a joint committee. The staff of the Library consisted of a Librarian, an Assistant Librarian, two clerks and two messengers. All were appointed by the Crown during pleasure. With the passing of years some changes have been necessary, and there are now two librarians known as the Joint Librarians. One is the General Librarian, the other the Parliamentary Librarian, and according to usage, one is English and the other French. The staff at present consists of the following officials:

Two Joint Librarians Two Assistant Librarians Chief Reference Clerk Reference Clerk Two Cataloguers One Bookbinder.

Library Clerk-Bookkeeper Registry and Shelving Clerk Chief Library Assistant Clerk of Periodicals Four Library Assistants

Function

The main function of the Library has always been legislative reference work for the members of Parliament during the session, but at other times the citizens of Ottawa and of other parts of the Dominion may avail themselves of the resources of the Library when adequate credentials are presented.

^{1. 34} Vict., Cap. 21. 2. Revised Statutes, 1927, Chap. 146.

Book Collection of the Library of Parliament

The number of volumes in the Library at the present time (1933) is approximately 400,000. The collection consists of the publications of the Canadian Government and of those of other governments and institutions, secured by exchange and purchase. Noteworthy sets in the latter group are complete Hansards of Great Britain and those of the various Dominions, Sessional papers of the British Parliament and a set of the Congressional documents of the United States, including the Secret journals of 1774. The American collection is increased constantly by a special appropriation for the purpose, and is consequently quite large and valuable. In addition books on general subjects are purchased from the annual grants of Parliament, the collection being especially strong in political science, and in files of Canadian and other newspapers, such as the London Times, from 1845 on.

The libraries in the various governmental departments also contain valuable specialized collections, but these are administered as separate units rather than as departments of the Library of Parliament.

Library of Parliament

Canada. Library of Parliament.

Serials

Catalogues

These cat.logues have been issued at irre ular i: tervals as follows:

- Catalogue of books in the Library of the Legislative Assembly of Canada. Montreal, Lovell and Gibson, 1845-1846. 2v. in 1.
- Catalogue of books in the Library of Parliament, Quebec, J. Lovell, 1852. 130p.
- ... Catalogue of the Library of Parliament... Toronto, J.Lovell, 1857-1858. 2v.
 - v.l. General Library v.2. Works relating to America, pamphlets and manuscripts. Index of authors and subjects.
- Alphabetical catalogue of the Library of Parliament, being an index to the classified catalogues printed in 1857 and 1858, and to the books added to the Library up to the 1st March, 1862. Quebec, Hunter, Rose and Co., 1862. 313p.
- Supplementary catalogue of the Library of Parliament. Pamphlets. Printed by order of the Legislative Assembly. Quebec, Hunter, Rose and Co., 1864. v.p.

Includes: English pamphlets, Brochures européennes, American pamphlets, Canadian pamphlets and index.

- Alphabetical catalogue to the Library of Parliament being an index to classified catalogues printed in 1857, 1858 and 1864 and to the books and pamphlets since added to the Library up to 1st October, 1867 ... Ottawa, G.E. Desbarats, 1867. 496p.
- Index to the catalogue of the Library of Parliament. Ottawa,
 King's Printer, 1879-1880. 2v.
 - Pt.1. Law, legislation, political and social science, commerce and statistics.
 Pt.2. General Library.
- Annual supplement to the catalogue in alphabetical order, 1887- Ottawa, King's Printer, 1888- v.1-

Report of the Librarians, 1841- p.1-1

Title varies.

In Journals of the Legislative Council and Legislative .ssemply, 1841-1866 and in Journals of the Senate and the House of compons, 1867- also in annual supplements to the catalogue of the Library of Parliament, 1868- and in Sessional papers, 1871-1912.

Special rublications

Reciprocity and commercial relations with the United States of America. [Ottawa, King's Printer, 1910] 66p.

Bibliography

- Canada and its provinces ... v.6. Toronto, Glasgow, Brook and Co.,
- Janada, Legislative Assembly. Journal. v.p., v.p., 1841-1806. 26v.
- Canada. Legislative Council. Journal. v.p., v.p., 1841-1860. 20v.
- Canada. House of Commons. Journal. Ottawa, Queen's or King's Printer, 1867- v.1-
- Canada, Senate, Journal. Ottawa, Queen's or King's Printer, 1867- v.1-
- vanadian almanac ... 1933. v.p., v.p., 1856? r.l-
- Libraries in Canada ... by a Commission of Enquiry ... Toronto, Ryerson Press and Chicago, American Library Association, 1933.

CHAPTER XVIII

Chief Electoral Office. Federal District Commission.

Government Contracts Supervision Committee. International Niagara Board. Padio Broadcasting Commission.

War Organizations.

Chief Electoral Office

The Chief Electoral Office was established in 1920 under the <u>Dominion elections act</u>, to take over the duties in regard to elections that had formerly been performed by the Clerk of the Crown in Chancery, which office was abolished in 1920.

These duties are:

- a. The appointment of a returning officer for every electoral district in Canada and the direction and supervision of all election officers
 - b. The administration of all dominion elections to insure the fairness and impariality of all election officers
 - c. The reporting to the House of Commons, through the Speaker, of any matters with regard to elections that should be submitted to the House

Organization

The act provides for the appointment of the following staff:

Chief Electoral Officer Assistant Chief Electoral Officer Two stenographers Temporary assistants as required

The Chief Electoral Officer has the mank of a deputy minister and the salary of a puise judge of the Supreme Court of Canada.

^{1. 10-11} Geo. V, Chap. 46.

Publications of the Chief Electoral Office

Note: All publications are issued from Ottawa by the King's Printer.

Canada. Chief Electoral Office.

Serials

... By-elections held ... Report ... 1906- v.

Prior to 1920 issued by the Clerk of the Crown in Chancery.
Report for 1904 in the Return of the 10th general election;
1916, not printed. Found also in Sessional papers, 1906-1924;
in Annual departmental reports, 1925-

Title varies.

Issued in English and French.

... General elections... 1868- v.

Prior to 1920 issued by the Clerk of the Crown in Chancery.
Issued in Sessional papers 1868-1924; in Annual departmental reports, 1925Usually issued in French and English

Report of the Chief Electoral Officer, 1922- [v. 1-]

Reports for 1920 and 1921 printed for distribution to Senate and Members of the House of Commons only.

Special Publications

Election instructions (complete) with a discussion of the rights and obligations of candidates and the Dominion election act... 2nd. February, 1931. [1931]. 278p.

... Special election instructions for certain by-elections with a discussion of the rights and obligations of candidates and the Dominion elections act, R. S.C., 1927, c. 53. ... 1928.

Issued also in French.

Bibliography

Canada. Sessional papers, 1920- v.

Canadian almanac ... 1934. v.p., v.p., 1856?- [v.1-]

Statutes of Canada, 1920. v.p.

Federal District Commission

The Federal District Commission was constituted by statute in 1927 to replace the Ottawa Improvement Commission, which body had, up to this time, been charged with oversight over the Federal District of Canada. The first Commission was constituted in 1899? and consisted of four members, appointed during pleasure and responsible to the Minister of Finance, who were charged with the building, repair, improvement and protection of government buildings and property. The Act provided for a service of ten years duration by the Commission, but in 1919 a new act 3 was passed continuing its service, and increasing the amount of the appropriation placed at its disposal, and the Commission continued under this act until 1927, when it was replaced by the Federal District Commission.

The new Commission has practically the same functions as the earlier one, but consists of ten members appointed during pleasure, one of whom must be a resident of Ottawa and another of Hull. Que. The two latter serve for a term of from one to two years. The later Commission is also responsible to the Minister of Finance, and must present to him estimates of contemplated expenditures. The appropriation for this purpose is much in advance of that granted to the earlier Commission, and this body is empowered to borrow up to \$250,000, and may issue bonds, debentures or other securities subject to the approval of the Governor in Council. These securities must

^{1. 17} Geo. V, Chap. 55. 2. 62-63 Vict., Chap. 10. 3. 9-10 Geo. V, Chap. 62.

mature on or before July, 1958. In acquiring property, the Commission may do so when necessary without the consent of the owner, under the Expropriation act, and may cooperate with any municipality in beautifying the city, but in every case the municipal authority is left intact. Under the Commission a number of federal buildings have been erected, and other improvements made in the Federal District.

Organization

The Commission is at present organized as follows:

Chairman Consulting Eng
Members (4 in number) Superintendent Secretary

Consulting Engineer

Publications of the Federal District Commission

The Commission is required by law to report annually to Parliament, but up to this time (1933) the report has not been printed.

Bibliography

Canada year book, 2nd series, 1927-28, 1929. Ottawa, King's Printer, 1906- , v.1-1

Canadian almanac ..., 1928- v.p., v.p., 1856?- (v.1-1

Government Contracts Supervision Committee

The Government Contracts Supervision Committee was created by order-in-council in 1923, to secure more economical and efficient methods in the disposal of surplus and obsolete material belonging to the Government. Its work has consisted of the transfer of material from a department no longer needing it , to one that may make use of it. For example, old army tents were transferred to the Post Office Department, where the canvas was used for repairing old mail bags. In addition such material is sold as advantageously as possible by advertising for bids in all parts of the Dominion. The responsibility of learning the condition of this material and for its transportation rests with the bidder. In order to achieve these results, the cooperation of all departments is necessary, so that all these materials may be listed with the Committee for sale or transfer. An extensive mailing list is kept in the Office so that the public may be informed of the material for sale.

This plan has had the advantage of keeping storage space free from unused material and of bringing in revenue to the Government. In one year the sales amounted to over \$1,000,000, while the overhead costs were only \$12,000.

Until 1931 two officials were employed for this work; a Secretary and a Salvage Officer, but since 1932 the entire responsibility has been carried by the Salvage Officer.

^{1.} Order-in-council, P. C. 1632, August 17, 1923.

Ablications of the
Government Contracts Supervision
Committee

Up to the present time the Committee has issued no publications, but the Salvage Officer has issued information by broadcast.

Bibliography

Canadian almanac ... 1926- v.p., v.p., 1856? - v.l-

Radio Broadcasting Commission

History

Prior to 1932 radio broadcasting in Canada had been privately controlled, but it was found that, though highly satisfactory in some respects, it did not always carry out national ideas and purposes, so a royal commission was appointed in 1929 to investigate the situation. The Commission, under the chairmanship of Sir John Aird, investigated the broadcasting systems of Canada, the United States, Great Britain and certain European countries, and reported in favor of national control of radio broadcasting, in order to meet national requirements. No immediate action was taken on this report until the Privy Council had sustained the ruling of the Supreme Court of Canada, that radio broadcasting was a national rather than a provincial concern. A committee of the House of Commons was then appointed, and instructed to consider the Aird report and to recommend a complete technical scheme for radio broadcasting in Canada and the most satisfactory agency for carrying it out. This committee recommended national control of radio by a Canadian Radio Broadcasting Commission and the creation of a national broadcasting system, with a chain of high power stations at suitable intervals across the country, with supplementary stations of lower power. It further recommended that the system be self supporting by means of funds obtained from

licenses and advertising. The report of the Committee was unanimously adopted and the <u>Canadian radio broadcasting act</u> passed in 1932¹, which provided for the appointment of a commission of three to carry out the further provisions of the Act. This commission was at once organized in December 1932, and by the following May a trans-Canada network had been arranged that was broadcasting programmes seven days a week.

functions

The functions of the Commission are as follows:

- a. The determining of the number, power and location of stations
- b. The allotment of time for broadcasting and the amount of advertising permitted
- c. Recommendations to the Minister² in charge in regard to issue, cancellation or suspension of licenses
- d. The allotment or cancellation of channels to be used by stations
- e. Assignment of periods for broadcasting
- f. Prohibition of chains when desirable
- g. Assistance and encouragement of small stations
- h. Arrangements with private stations
- i. Construction of new stations
- j. Securing new programmes or others produced outside of Canada
- k. The control of all funds for radio broadcasting, as regulated by the <u>Radio broadcasting act</u>.

^{1. 22-23} Geo. V, Chap. 51.

^{2.} Minister is the Minister of Marine

Organization

The Commission is at present organized as follows:

Commissioners

Chairman Vice-chairman Commissioner

Assistant Commissioners

Assistant Commissioners act as chairman of local and provincial radio broadcasting committees. The Act limits their number to 9. They receive no salary but an honorarium is paid by the Governor in Council.

General Council

The Council consists of the Commissioner, Assistant Commissioners and representatives from local committees. This body meets at irregular intervals as the occasion demands and discusses matter relating to radio broadcasting in Canada.

The Act also provides for the employment of the necessary officers and clerks under the Civil Service.

Publications of the Radio Broadcasting Commission

Up to the present time, (1933) the Commission has issued no publications.

Bibliography

Canada year book, 2nd series, 1933. Ottawa, King's Printer, 1906- [v.1-]

Canadiam almanac ... 1933. v.p., v.p., 1856?- [v.l-]

Canadian annual review ... 1932. Toronto, Canadian Annual Review Company Ltd., 1902- [v.l-]

Statutes of Canada, 1932. Ottawa, King's Printer, 1932. v.p.

Special International Niagara Board

The International Niagara Board was appointed in 1923, by the governments of Canada and of the United States, to supervise and control the diversion of water permitted by the terms of the Boundary waters treaty, 1909-1910. It was then called The International Niagara Board of Control, and consisted of one representative from each country. In 1926, following a correspondence between the two gov-rnments on the subject of the impairment of the Falls by erosion, the Board was enlarged by two members, one from each country, and charged with the additional duties of investigating the probable future effects of erosion on the scenic beauty of the Falls and the possibility of its prevention. The Board was then called The Special International Niagara Board. It is composed of engineering experts who have coordinated the re ults of former investigations with their own findings on the subject. Their investigations have included geologic and hydraulic studies and an aerial survey of all aspects of the Falls. The results are set forth in interesting and valuable reports.

blications of the Special International Niagara Board

Note: all publications are issued from Ottawa by the King's Printer. Niagara Board, Special International

The preservation of Niagara Falls; final report ... 1930.

Includes reports on the scenic beauty, geologic features, flow and hydraulic conditions, ice conditions, remedial works and possible water diversion of Niagara Falls.

The preservation of Niagara Falls; interim report ... 1928. 25p. illus.

Includes a report of the activities and conclusions of the Board up to the end of 1927.

Bibliography

Canadian almanac ... 1933. v.p., v.p., 1856?- v.1-

Niagara Board, Special International. The preservation of Liagara Falls; final report ... Ottawa, King's Printer, 1930. 394p. illu

War Organization

Food Controller

The office of Food Controller was created in June, 1917, under the War measures act, to take charge of the food situation in Canada arising from conditions brought about by the World War. This official was empowered by order-in-council to make regulations, with the approval of the Covernor-in-Council, in regard to the following matters:

- a. Prices of any article of food and the storage, distribution, sale and delivery thereof
- b. Conservation of food in all public eating places and private homes
- c. Manufacture, preparation, storage and transport of food
- d. Purchase, requisition, storage, selling and delivery of food by the Covernment

He served without salary, assisted by such persons as were found necessary from time to time, until February 11, 1918, when the control of food was assigned to the Food Board.

The Food Board

This Board was vested with all the powers of the Food Controller, and in addition issued licenses to food dealers and permits to importers and exporters of food stuffs. The duties changed from time to time as the need arose, and rany new regulations were made and withdrawn, until the Board was dissolved by order-in-council on March 19, 1919.

^{1. 5} Geo. V, Chap. 2.

Publications

Note: Unless otherwise stated, all publications were issued from Ottawa and by the King's Printer.

Canada. Food Board.

Bread recipes which save food for our soldiers and allies. Montreal and Toronto, Printed by the Herald Press and Advertising Agency, 1918 16p.

Fish recipes. Canadian fish and how to cook them. Montreal and Toronto, Printed by the Herald Press and Advertising Agency, 1918-24p.

Fruit and vegetables: canning, drying, storing. Montreal and Toronto, Printed by the Herald Press and Advertising Agency, 1918. 32p.

Glucose for household use ... 1918. 7p.

One week's budget for a family of five ... giving the family sufficient food and saving for the soldiers and the allies overseas. 1918. 7p.

Potatoes and how to cook them. 1918. 8p.

Recipes for jam making. Prepared under the direction of experts for the Canada Food Board and distributed through the Conservation Publicity Section ... 1918. 4p.

Report of the Canada Food Board February 11-December 31, 1918. 1919. 87p.

Report of the Special Committee of the Grocers' Trade, appointed to consider the questions in regard to licensing and regulation, including orders of the Canada Food Board, relating to licensing and regulations of wholesale grocers, retail grocers and retail butchers, retail bakers, retail produce merchants, retail flour and feed merchants, retail fruit and vegetable dealers and retail fish dealers. 1918 31p.

Suggestions to prevent waste of coarse flours, meals and cereals by insect pests. 1919. 4p.

Usage des substituts à la farine de blé dans la fabrication du pain. Recommandation aux boulangers licenciés. [n.d.] 7p.

Vegetable recipes. Montreal and Toronto, Printed by the Herald Press and Advertising Agency, 1918. 16p.

nada. Food Controller.

Eat more fish. How to prepare, cook and serve Canadian fish, and so conserve Canadian beef and bacon for the soldiers at the front ... 1917. 14p.

Food service, a handbook for speakers ... 1917. 15p.

Report of the Food Controller, Hon.W.J.Hanna ... 1918. 48p.

Report of the Milk Committee appointed by the Food Controller of Canada to investigate milk supplies for urban municipalities, including a plan for the reorganization of milk distribution ... 1917. 20p.

Report of the special committee appointed by the Food Controller for Canada to consider the conditions upon which licenses should be granted for the sale of cereal products in original packages of less weight than 20 pounds. Including the regulations which will cover the package cereal trade. 1917. 15p.

War meals: practical suggestions to save beef, bacon, wheat and flour to meet war need overseas ... 1917. 12p.

Fuel Controller

Under an order-in-council of June 8, 1917 a Fuel Controller was appointed to look after the situation created by the shortage of coal, due to the reduced production and war demands of the time. A Deputy Fuel Controller and a Director of Coal Operations in the mining regions of British Columbia were also appointed. It was the duty of these officials to urge economy in the use of fuels, to regulate prices, to provide for fair distribution and to increase production in Canada as much as possible. In accordance with these needs, local Tuel Controllers were appointed and cooperation was secured throughout Canada. By an order-incouncil of Parch 5, 1920, all orders in regard to the control of fuel were cancelled as no longer necessary.

ublications

Canada. Fuel Controller.

The final report of the Fuel Controller, Canada, 1919. 1919. 107p.

Director of Public Information

This official was appointed under an order-in-council of November, 1917, and in September, 1918 the Department of Public Information was established and an Associate Director appointed. The Department was charged with the duty of keeping the public informed of affairs relating to the World War, particularly those having to do with the Canadian forces. It was dissolved inAugust, 1919.

Publications

Canada. Director of Public Information

Canada's war effort 1914-1918... 1918. 31p

Canadian daily record. 1918-1919. v.

Published in Europe for circulation among the Canadian troops overseas.

Canadian official record. 1918-1919. 46 no. in 1 v.

Published weekly for the purpose of recording the activities relating to the War as carried on by the various governmental departments,

Board of Grain Supervisors.

The Board of Crain Supervisors was appointed at the suggestion of the Minister of Trade and Commerce to take charge of the situation in the production and distribution of grain, arising from conditions brought about by the World War. The Board was created by order-in-council, June, 1917, and was to consist of not more than twelve members. It was in existence from 1917-1919, and was charged with the following duties:

- a. Inquiring into the supply and condition of the grain trade
- b. Supervising grain production
- c. Fixing prices on shipments from storage elevators, but not from farmers
- a. Investigating storage and preventing restriction of the market, by removing grain from storage, with or without the owner's permission, when such removal was deemed to be for the public good.

utlications

Canada. Grain Supervisors, Board of

Serials

Memoranda. 1917-1918. no. 1-13

Memoranda. Orders-in-council. 1917-1918. ?1

Orders. 1917-1918. no.1-90

Regulations. 1917-1918. no.1-19.

Special orders. 1918. no.1-2.

Bibliography

anada year book, 2nd. series, 1917-1919. Ottawa, King's Printer, 1906- rv.1-7

anadian annual review of public affairs, 1917, 1918. Foronto, Annual Review Publishing Co., 1901- [v.1-]

ist of the serial publications of foreign governments 1815-1931. Edited by Winifred Gregory. New York, H.W.Wilson Co., 1932.

Items marked by ? are unknown because the publication is not mailable for examination.

Canadian Battlefields Memorials Commission

The Commission was appointed under an order-in-council of September 2, 1920, as the result of proposals made soon after the signing of the Armistice, that the various countries of the British Empire erect suitable memorials on the sites of certain battles of the World War. After consultation among individuals acquainted with the situation, a special committee of the House of Commons was appointed in May, 1920, to make recommendations. The results were the appointment of the Canadian Battlefields Memorials Commission and the erection of memorials on certain battlefields, selected by the Commission, after consultation with the Commander of the Canadian Expeditionary Forces and others high in authority. The awards were made to Canadian sculptors after an open competition, and a contract for construction and erection was made in 1921.

<u>Fublications of the</u> <u>Canadian Battlefields Memorials Commission</u>

Canadian Eattlefields Memorials Commission

Canadian battlefield memorials, prepared by the Canadian Battlefields Memorials Commission. 1929. 84p.

The narrative of battles included, was prepared by Col. A.F. Duguid.

Bibliography

Canada. house of Commons. Journals ... v.57, 1920. Ottawa, King's Printer, 1920. lv. in.2.

Canada. Canadian Battlefields ...emorials Commission. Canadian battlefield memorials. Ottawa, King's Printer, 1929. 34p.

IIDEX

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